Sumerian Lexicon

Version 3.0

by

John A. Halloran

The following lexicon contains 1,255 Sumerian logogram words and 2,511 Sumerian compound words. A logogram is a reading of a cuneiform sign which represents a word in the spoken language. Sumerian scribes invented the practice of writing in cuneiform on clay tablets sometime around 3400 B.C. in the Uruk/Warka region of southern Iraq. The language that they spoke, Sumerian, is known to us through a large body of texts and through bilingual cuneiform dictionaries of Sumerian and Akkadian, the language of their Semitic successors, to which Sumerian is not related. These bilingual dictionaries date from the Old Babylonian period (1800-1600 B.C.), by which time Sumerian had ceased to be spoken, except by the scribes. The earliest and most important words in Sumerian had their own cuneiform signs, whose origins were pictographic, making an initial repertoire of about a thousand signs or logograms. Beyond these words, two-thirds of this lexicon now consists of words that are transparent compounds of separate logogram words. I have greatly expanded the section containing compounds in this version, but I know that many more compound words could be added.

Many cuneiform signs can be pronounced in more than one way and often two or more signs share the same pronunciation, in which case it is necessary to indicate in the transliteration which cuneiform sign is meant; Assyriologists have developed a system whereby the second homophone is marked by an acute accent (´), the third homophone by a grave accent (`), and the remainder by subscript numerals. [If the small font size prevents you from seeing whether the accent is acute or grave, click on View and Zoom and scroll up to 125%.] The homophone numeration here follows the 'BCE-System' developed by Borger, Civil, and Ellermeier. The 'accents' and subscript numerals do not affect the pronunciation. The numeration system is a convention to inform Assyriologists which, for example, of the many cuneiform signs that have the reading du actually occurs on the tablet. A particular sign can often be transcribed in a long way, such as dug_4, or in a short way, such as du_{11}, because Sumerian was like French in omitting certain amissable final consonants except before a following vowel. Due to this lexicon's etymological orientation, you will usually find a word listed under its fullest phonetic form. Transcriptions of texts often contain the short forms, however, because Sumerologists try to accurately represent the spoken language. Short forms are listed, but you are told where to confer.

The vowels may be pronounced as follows: *a* as in *father*, *u* as in *pull*, *e* as in *peg*, and *i* as in *hip*. Of the special consonants, g̃ is pronounced like *ng* in *rang*, ḫ is pronounced like *ch* in German *Buch* or Scottish *loch*, and š is pronounced like *sh* in *dash*.

Following the definitions, the lexicon may indicate in a smaller font the constituent elements of words that in origin were compound words, if those elements were clear to me. Etymologies are a normal part of dictionary-making, but etymologies are also the most subject to speculation. It is possible that, in some cases, I have provided a Sumerian etymology for what is actually a loanword from another language. I encourage scholars to contact me with evidence from productive roots in other proto-languages when they have reason to believe that a Sumerian word is a loan from another language family. In light of the Sumerian propensity for forming new words through compounding in the period after they invented cuneiform signs, it should not be surprising to find this same propensity in words dating from before their invention of written signs. The structure and thinking behind the Sumerian vocabulary is to me a thing of beauty. We are fortunate to be able to look back into the minds of our prehistoric ancestors and see how they thought and lived via the words that they created.

The lexicon's etymological orientation explains why the vocabulary is organized according to the phonetic structure of the words, with words sharing the same structure being listed together and alphabetically according to their final consonants and vowels, as this method best groups together related words. This principle has been abandoned after words of the structure CVC(V) in this version, as words that are phonetically more complex than

this do not group together by meaning. The phonetically more complex words and the compound words are listed alphabetically simply by their initial letters.

The lexicon has been in development over a fourteen-year period. Primary sources included:

A. Deimel, *Šumerisches Lexikon*; Rome 1947.

E. Reiner et al., *The Assyrian Dictionary of the Oriental Institute of the University of Chicago*; Chicago 1956ff.

W. von Soden, *Akkadisches Handwörterbuch*; Wiesbaden 1958-1981.

R. Borger, “Assyrisch-babylonische Zeichenliste”, Band 33 in *Alter Orient und Altes Testament (AOAT), Veröffentlichungen zur Kultur und Geschichte des Alten Orients und des Alten Testaments* (Series); Kevelaer and Neukirchen-Vluyn 1978.

R. Labat and F. Malbran-Labat, *Manuel d'Épigraphie Akkadienne, 6º édition*; Paris 1995 (this is the cuneiform sign manual used by most Sumerology students - it is available from Eisenbraun's - see my links page).

M.L. Thomsen, *The Sumerian Language: An Introduction to Its History and Grammatical Structure*; Copenhagen 1984 (this well-done grammar is currently the standard text - if it is on back order at Eisenbraun's, ask your public library's Interlibrary Loan department to obtain it for you).

J.L. Hayes, *A Manual of Sumerian Grammar and Texts*; Malibu 1990 (beginning students can start with this book before graduating to Thomsen- if available, order it from Eisenbraun's - see my links page).

R. Jestin, *Notes de Graphie et de Phonétique Sumériennes*; Paris 1965.

B. Landsberger, as compiled by D.A. Foxvog and A.D. Kilmer, "Benno Landsberger's Lexicographical Contributions", *Journal of Cuneiform Studies*, vol 27 (1975).

H. Behrens and H. Steible, *Glossar zu den altsumerischen Bau- und Weihinschriften*; Wiesbaden 1983.

K. Oberhuber, *Sumerisches Lexikon zu “George Reisner, Sumerisch - babylonische Hymnen nach Thontafeln griechischer Zeit (Berlin 1896)” (SBH) und verwandten Texten*; Innsbruck 1990.

Å.W. Sjöberg et. al., *The Sumerian Dictionary of the University Museum of the University of Pennsylvania*; Philadelphia 1984ff. Letters B and A through Abzu have been published.

M. Civil, unpublished Sumerian glossary for students.

S. Tinney, editor, *Index to the Secondary Literature: A collated list of indexes and glossaries to the secondary literature concerning the Sumerian Language*, unpublished but now expanded and searchable at: http://ccat.sas.upenn.edu:80/psd/

E.I. Gordon, *Sumerian Proverbs: Glimpses of Everyday Life in Ancient Mesopotamia*; Philadelphia 1959 (with contributions by Th. Jacobsen).

D.C. Snell, *Ledgers and Prices: Early Mesopotamian Merchant Accounts*; New Haven and London 1982.

P. Michalowski, *The Lamentation over the Destruction of Sumer and Ur*; Winona Lake 1989.

C.E. Keiser and S.T. Kang, *Neo-Sumerian Account Texts from Drehem*; New Haven & London 1971.

J. Bauer, *Altsumerische Wirtschaftstexte aus Lagasch*; Dissertation for Julius-Maximilians-Universität at Würzburg 1967 [appeared under same name as vol. 9 in *Studia Pohl: Series Maior*; Rome 1972].

J. Krecher, "Die *marû*-Formen des sumerischen Verbums", *Vom Alten Orient Zum Alten Testament*, *AOAT* 240 (1995; *Fs. vSoden* II), pp. 141-200.

K. Volk, *A Sumerian Reader*, vol. 18 in *Studia Pohl: Series Maior*; Rome 1997 (this practical, inexpensive book includes a nice, though incomplete, sign-list).

B. Alster, *The Instructions of Suruppak: A Sumerian Proverb Collection* (*Mesopotamia: Copenhagen Studies in Assyriology*, Vol. 2); Copenhagen 1974.

B. Alster, *Proverbs of Ancient Sumer: The World's Earliest Proverb Collections*, 2 vols; Bethesda, Maryland 1997.

Å. Sjöberg, *Der Mondgott Nanna-Suen in der sumerischen Überlieferung*; Stockholm 1960.

V.E. Orel and O.V. Stolbova, *Hamito-Semitic Etymological Dictionary: Materials for a Reconstruction* (Handbuch der Orientalistik, Abt. 1, Bd. 18); Leiden, New York, & Köln 1995.

M.W. Green and H.J. Nissen, *Zeichenliste der Archaischen Texte aus Uruk* [ZATU] (Ausgrabungen der Deutschen Forschungsgemeinschaft in Uruk-Warka, 11; Archaische Texte aus Uruk, 2); Berlin 1987.

P.Damerow and R. Englund, *Sign List of the Archaic Texts* (electronic FileMaker database collection of ZATU signs occurring in catalogued texts from Uruk IV to ED II); Berlin 1994.

P. Steinkeller, review of M.W. Green and H.J. Nissen, *Bibliotheca Orientalis* 52 (1995), pp. 689-713.

J. Krecher, "Das sumerische Phonem |g̃|", *Festschrift Lubor Matouš, Assyriologia* 5, vol. II, ed. B. Hruška & G. Komoróczy (Budapest, 1978), pp. 7-73.

M. Civil, *The Farmer's Instructions: A Sumerian Agricultural Manual* (Aula Orientalis-Supplementa, Vol. 5); Barcelona 1994.

M. Krebernik, *Die Beschwörungen aus Fara und Ebla: Untersuchungen zur ältesten keilschriftlichen Beschwörungsliteratur* (Texte und Studien zur Orientalistik, Bd. 2); Hildesheim, Zurich, New York 1984.

M.A. Powell, "Masse und Gewichte" [Weights and Measures: article in English], *Reallexikon der Assyriologie und Vorderasiatischen Archäologie*,.Bd. 7, ed. D.O. Edzard (Berlin & New York, 1987-90), pp. 457-517.

K.R. Nemet-Nejat, *Cuneiform Mathematical Texts as a Reflection of Everyday Life in Mesopotamia* (American Oriental Series, Vol. 75); New Haven 1993.

E.J. Wilson, "The Cylinders of Gudea: Transliteration, Translation and Index", Band 244 in *Alter Orient und Altes Testament (AOAT), Veröffentlichungen zur Kultur und Geschichte des Alten Orients und des Alten Testaments* (Series); Kevelaer and Neukirchen-Vluyn 1996.

D.O. Edzard, *Gudea and His Dynasty* (The Royal Inscriptions of Mesopotamia, Early Periods, Vol. 3/1); Toronto, Buffalo, London 1997.

W.W. Hallo and J.J.A. van Dijk, *The Exaltation of Inanna*; New Haven & London 1968.

The Sumerian lexicon has benefitted from several classes at UCLA with Dr. Robert Englund.

I dedicate this lexicon to the memory of Dr. Robert Hetzron, with whom I had the pleasure of studying during every week of the four years that I attended the University of California at Santa Barbara. Dr. Hetzron was a professional linguist and expert on the Afroasiatic language family.

If you are a Sumerology student who wishes to add entries or make changes to this Word document, please do so in a colored font, so that your changes can be identified and incorporated into future versions of the lexicon. The home page for the Sumerian lexicon is http://www.sumerian.org/.

a, e_4: n., water; watercourse, canal; seminal fluid; offspring; father; tears; flood. [A archaic frequency: 519]

interj., alas!.

prep., locative suffix - where; in; when - denotes movement towards or in favor of a person.

def. article, nominalizing suffix for a noun or noun clause, denoting 'the'.

á: (cf., áḫi).

a_5: (cf., aka).

e: (cf., ég).

é: house, household; temple; plot of land [E_2 archaic frequency: 649; concatenates 4 signs].

è: (cf., éd).

e_{11}: (cf., èd).

i: n., cry of pain (derived from ér, ír, 'tears; complaint' ?) [I archaic frequency: 17].

v., to capture, defeat, overcome (cf., éd, è; i)

ì: (cf., ìa).

i_7: (cf., ída).

u: (cf., ḫà).

ú: n., plant; vegetable; grass; food; bread; pasture; load [U_2 archaic frequency: 225; concatenates 3 signs].

v., to nourish, support.

adj., strong, powerful (man).

ù: n., sleep (cf., u_5). [according to S. Lieberman, u, ù, and u_4 were pronounced /o/]

v., to sleep.

prep., and; the prospective modal prefix: if; when; after; often used as a polite imperative.

pron., a pronominal prefix in a compound noun, to derive a more specific meaning.

$u_{(3,4,8)}$: n., an expression of protest; cries, screams; the grunting, panting of battle; fight, dispute.

v., to bend over.

u_4: (cf., ud).

u_5: n., male bird, cock; totality; earth pile or levee; raised area (sometimes written ù) [U_5 archaic frequency: 1].

v., to mount (in intercourse); to be on top of; to ride; to board (a boat); to steer, conduct.

adj., (raised) high, especially land or ground (sometimes written ù).

u_6: (cf., ug_6).

u_8: (cf., us_5).

u_{18}[GIŠGAL]: huge.

u_{20}[ŠE]: barley.

ab: window; opening; niche, nook (cf., aba) [AB archaic frequency: 384; concatenates 2 sign variants (sign also used for èš and aba - for this reading and meaning in Fara period, see Krebernik, *Beschwörungen*].

áb: domestic cow (a, 'water, liquid', + íb, 'middle') [AB_2 archaic frequency: 288].

ib: corner, angle, nook [IB archaic frequency: 252; concatenates 2 sign variants].

íb, éb: n., middle; waist; loins; thighs.

v., to be angry; to flare up in anger; to curse, insult.

ub: corner, angle, nook; a small room [UB archaic frequency: 124].

$^{(kuš)}ub_{3,5}$: a drum.

ub_4: cavity, hole; pitfall.

ad: (cf., ada).

ád: (cf., $adda_4$).

$ad_{3,6}$: (cf., adda).

ad_4: lame, cripple.

éd, è; i: to go out, emerge; to send forth; to lead or bring out; to rise; to sprout; to be or become visible; to appear as a witness (the final d appears in *marû* conjugation) [ED_2 archaic frequency: 12; concatenates 2 sign variants].

èd, e_{11}: to exit; to rise; to descend, set; to bring down (or up); to import; to fetch; to remove; to drain (è-dè(-d) in *marû*).

íd: (cf., ída).

$id_{4,8}$, it_4: (cf., itud).

ud, u_4: n., sun; light; day; time; weather; storm (demon) [UD archaic frequency: 419].

prep., when; since.

úd[ÁŠ]: emmer (wheat).

ud_5: (cf., ùz).

ag: (cf., ak).

ég, ék, íg, e: n., levee, embankment, dike, bund (a, e_4, 'water', + ig, 'door') [EG_2 archaic frequency: 12; concatenates 5 sign variants].

v., to water; to speak, say (e = sing. *marû*, plural *hamtu*, and plural *marû*; cf., dug_4, also di); to do (as auxiliary verb preceded by a noun).

demonstrative pron., this one; in the immediate vicinity; suffixed to ergative agent.

prep., locative/terminative suffix - in; toward.

ig: door, entrance [IG archaic frequency: 43; concatenates 2 sign variants].

$ug_{(2)}$: lion; anger, fury; storm.

$ug_{4,5,7,8}$: n., death; dead person.

v., to kill; to die (singular and plural *marû* stem; plural *hamtu*, which is sometimes reduplicated; cf., úš).

ug_6, u_6[IGI.É]: n., amazement; gaze, glance (['EYE' + 'HOUSE']).

v., to look at; to stare at, gaze; to be impressed.

adj., astonishing.

áĝ: (cf., áĝa).

ùĝ: (cf., ùĝa).

àḫ; uḫ: (cf., laḫ).

$uḫ_{(3)}$: lice, louse; nit; flea; moth; insect, parasite, vermin [$UḪ_3$ archaic frequency: 14; concatenates 2 sign variants].

úḫ; uḫ, aḫ: phlegm; spittle; slaver, froth; paste; venom; malice.

ak, ag: genitival suffix: 'of' (cf. also, aka).

^{ğiš}al: digging stick; wooden mattock, pickax; forked hoe with from 2 to 4 teeth; spade [AL archaic frequency: 95].

al: verbal prefix: used immediately before stative verbs; indicates: 1) distance; 2) the speaker is not involved; or 3) the lack of a transitive relationship.

íl: (cf., íla).

il_5: (cf., ili_5).

ul: n., joy, pleasure, satisfaction; star; flower; bud; ornament; a capacity measure of 36 liters in Presargonic Girsu.

v., to glitter, shine.

adj., remote, distant (in time); ancient, enduring.

ùl: (cf., úllu).

ul_4: to be quick; to hurry, hasten, harass [? KIŠIK archaic frequency: 21; concatenates 3 sign variants].

am: (cf., àm and áma).

ám: (cf., áğa).

àm[A.AN]: the Sumerian enclitic copula - 'to be', occurs after a noun [e.g., William king-is]; who, which, what; (same) as, like (in scholarly lists).

im, em: (cf., imi).

ím: (cf., gim_4).

$^{(gi)}$um: a rope made of reeds (cf., umu).

an: n., sky, heaven; the god An; grain ear/date cluster ('water' + 'high') [AN archaic frequency: 806].

v., to be high.

adj., high.

prep., in front.

en: n., dignitary; lord; high priest; ancestor (statue); diviner [EN archaic frequency: 1232; concatenates 3 sign variants].

v., to rule.

adj., noble.

$en_{(2,3)}$: n., time; enigmatic background [EN_2 archaic frequency: 17].

prep., until.

in: he, she; straw; insult, offense, invective [IN archaic frequency: 21].

un: (cf., ùğa).

ar: (cf., ara_4).

ár: (cf., ára).

àr: (cf., ḫar).

ér, ír: n., tears; lamentation; prayer; complaint.

v., to weep.

ir$_{(10)}$: n., sweat; smell, odor, scent; perfume, fragrance [IR archaic frequency: 53; concatenation of 4 sign variants].

adj., scented, perfumed, fragrant.

ir$_{(10)}$, er: v., to bring; to lead away (Emesal dialect for túm, cf., re$_{7}$).

ir$_{3,11}$: (cf., arad$_{(2)}$).

ur: n., dog; carnivorous beast; servant; young man, warrior; enemy (cf., téš) [UR archaic frequency: 114; concatenation of 3 sign variants].

v., to tremble.

adj., humble.

ur$_{(2,3,4)}$: to surround; to flood; to throw overboard; to drag (over the ground) (often with -ni-); to erase, wipe out; to shear, reap, mow (reduplication class) (cf., gur$_{10}$).

úr: floor; base; lap, loins; thighs, leg(s); root; trunk of a tree [UR$_{2}$ archaic frequency: 78].

ùr: roof; entrance; mountain pass; beam, rafter (cf., ur$_{(2,3,4)}$) [UR$_{3}$ archaic frequency: 27; concatenation of 5 sign variants].

ur$_{4}$: (cf., gur$_{10,14}$) [? UR$_{4}$ archaic frequency: 41; concatenation of 3 sign variants].

ur$_{5}$[ḪAR]: n., liver; spleen; heart, soul; bulk, main body; foundation; loan; obligation; interest; surplus, profit; interest-bearing debt; repayment; slave-woman (cf., ḫar, mur) [UR$_{5}$ archaic frequency: 34; concatenation of 2 sign variants].

inanimate pron., it; these, the referenced; his, hers, theirs.

v., to chew; to smell; to belch, burp; to roar; to clog, block; to imprison; to be bowed with grief; to rub something in; to rent.

demonstrative, thus; so; in this way; in the same way; followed by a negation: not at all.

ur$_{11}$: (cf., uru$_{4}$).

as: (cf., asa).

us, uz$^{\text{mušen}}$: domestic goose or duck (cf., bibad) (loanword *into* Akkadian) [US archaic frequency: 18; concatenation of 2 sign variants].

ús, úz [UŠ]: n., side, edge; distance; in geometry: length; height; vertical; perpendicular.

v., to follow; to drive; to come near to, reach; to let reach; to transport, bring; to join; to be next to, border; to moor, dock; to lean against (cf., g̃íš).

us$_{5}$, u$_{8}$: mother ewe, adult female sheep [US$_{5}$ archaic frequency: 86].

aš: one; unique; alone.

aš$_{(5)}$: spider.

áš: n., wish; curse (abbreviated tàš ?, ašte ?) [AŠ$_{2}$ archaic frequency: 5].

v., to desire; to curse.

aš$_{3,4,8}$: six (ía, 'five', + aš, 'one').

eš: n., many, much.

v., to anoint.

adv., adverbial force suffix (sometimes followed by -šè).

éš: (cf., éše).

èš: shrine [AB archaic frequency: 384; concatenates 2 sign variants].

eš$_{5,6,16,21}$: three.

iš: (cf., iši).

uš, ús: n., foundation (cf., g̃íš) [GIŠ$_3$ archaic frequency: 16; concatenation of 2 sign variants; UŠ archaic frequency: 101; concatenates 2 sign variants].

v., to support, lift; to stand upon.

UŠ: a length measure, reading unknown, = 6 ropes = 60 nindan rods. [UŠ archaic frequency: 101; concatenates 2 sign variants].

úš: n., blood; blood vessel; death [? ZATU-644 archaic frequency: 65; concatenation of 2 sign variants].

v., to die; to kill; to block (singular *hamtu* stem).

adj., dead.

ùš: placental membrane, afterbirth.

uš$_7$: spittle.

uš$_8$: foundation place, base.

uš$_{11}$: venom, poison; spittle, slaver; moistening; spell, charm.

az: (cf., asa).

uz: (cf., us).

úz: (cf., ús).

ùz, ud$_5$, ut$_5$: she-goat [UD$_5$ archaic frequency: 109; concatenates 3 signs].

ba: n., share, portion; rations, wages [BA archaic frequency: 523].

v., to give; to divide, apportion, distribute; to pay (interchanges with bar).

conjugation prefix, used when the subject is inanimate and/or non-agentive (intransitive).

possessive or demonstrative suffix -bi plus nominative -a.

(ku6)ba: a shelled creature (such as a turtle or a snail); a scraping tool.

bà: liver; liver model; omen.

ba$_4$: Emesal dialect, cf., g̃á, 'house'.

ba$_7$: (cf., bar).

be: (cf., bad).

bi, bé: v., to diminish, lessen; to speak, say (accusative infix b 3rd pers. sing. neuter + e 'to speak'); to murmer, chirp, twitter, buzz, hum, howl, cry; mention (cf., biz; bi[z]) [KAŠ archaic frequency: 261; concatenates 4 sign variants].

pron., it.

poss. suffix, 'its' applies to inanimate (things and animals) and collective objects.

demonstrative suffix, this (one), that (one) - in this sense can occur with animates.

conj., and.

art., the.

adv., adverbial force suffix.

conjugation prefix, differentiates the semantic meaning of certain verbs.

bí: (cf., i-bí).

bi_6 [BA]: to tear; to tear off (with -ta-).

bi_7: (cf., bìd).

$bu_{(3,6)}$: (cf., bur_{12}; bul) [BU: archaic frequency: 393; concatenation of 2 sign variants].

bu_5: to rush around (cf., bul).

da: n., arm; side; nearness (to someone) [DA archaic frequency: 227; concatenation of 4 sign variants].

v., to hold; to be near; to protect.

prep., comitative suffix, 'with'; copula, 'and' (mainly in Sargonic date texts).

da_5: (cf., dab_6).

dé: to pour (often with -ni-); to water; to increase, be full; to shape, form; to instruct; to sink (for other meanings - cf., $de_{6,2}$; ég; gù...dé).

dè: ashes; *marû* form suffix - often indicates a present participle to be translated by English -ing or connotes future sense. Used like the terminative postposition -šè after verbal phrases to indicate intent or goal.

de_5, di_5 [RI]: to advise; to remove (earth clods) (reduplicated).

$de_{6,2}$, $ře_6$: to bring, carry (-ši- or -ta- denote direction); to continue on (singular *hamṯu*, cf., $tumu_{2,3}$, $la\underline{h}_4$; Emesal $ga_{(14)}$).

di: n., lawsuit, case; judgment, decision, verdict; sentence [DI archaic frequency: 99].

v., to judge, decide; to conduct oneself; to go; to escape (di-dé used as non-finite *marû* form of dug_4, 'to speak').

di_4: (cf., tur).

du: to walk; to go; to come (sing. *marû*, cf., g̃in, re_7, súb) [DU archaic frequency: 299].

dú: (cf., tud).

dù(´), řú: n., work; totality.

v., to build, make; to mould, cast; to erect something on the ground; to raise up; to set up; to plant; to fasten, apply (dù-e in *marû*).

du$_5$: (cf., sug$_5$)

du$_6$: (cf., dul$_{(6)}$).

du$_7$: to be finished, complete; to be suitable, fitting; to be necessary; to butt, gore, toss (reduplication class?) (regularly followed by rá) [DU$_7$ archaic frequency: 7].

du$_8$: (cf., duḫ).

du$_9$: (cf., dun$_5$).

du$_{10}$: (cf., dùg).

du$_{11}$: (cf., dug$_4$).

du$_{12}$: (cf., tuku).

du$_{14}$: quarrel, struggle, fight.

ga: n., milk (chamber + water) [GA archaic frequency: 245; concatenation of 3 sign variants].

conjugation prefix, 'also'; 'and then'.

modal prefix, cohortative, used with *hamṭu* forms.

ga$_6$: (cf., gùr).

ge$_{(2,6)}$: girl.

gi: reed; length measure, reed = 6 cubits = 3 meters (circular + to sprout) [GI archaic frequency: 484].

gi(n), ge(n): v., to act justly; to stabilize, strengthen; to confirm; to establish something as the property of someone (dative) (loanword from Semitic, Orel & Stolbova #1403, ***ka'Vn-** 'be true', Akkadian *kânu*; cf., g̃in, g̃en).

adj., just; firm; fixed; reliable, trustworthy.

gi$_{(4)}$: to surround, besiege; to lock up (circle + to descend into).

gi$_{(17)}$: n., young man (small and thin like a reed).

adj., small.

gí, gé: reed mat.

gi$_4$, ge$_4$: to return, come back; to send (back) (with -ši-); to reject, dislike; to restore; to answer (person to whom answer is given resumed by dative prefix, and with -ni-) (circular motion + to go out, send) [GI$_4$ archaic frequency: 37; concatenation of 3 sign variants].

gi$_7$: (cf., gir$_{15}$).

gi$_9$, ge$_9$: (cf., gir$_{10}$).

gi$_{17}$: (cf., gig).

gi$_{25}$[DUGUD]: (cf., gíg).

gu: string, thread; wool yarn; flax; hemp; snare; net; orig. word for needle (circular + grass-like) [GU archaic frequency: 53].

gú: neck; nape; river bank; side; other side; edge; front; land; pulse, chick pea (for 'land, district' cf., gún; for 'load; talent' cf., gun; gún, gú) (circular + u_5, 'on top of'; cf., Orel & Stolbova #982, ***gun-** "occiput, neck, nape") [GU_2 archaic frequency: 34].

$gu_{2,4}$: (cf., $gud_{(2)}$).

gù: n., noise, sound; voice.

v., to exclaim; to utter a cry (said of an animal) (throat + $u_{(3,4,8)}$, 'cries, screams').

gu_7, kú: n., food, sustenance; fodder; angle [GU_7 archaic frequency: 236].

v., to eat, swallow, consume, use; to eat up, finish off; to feed, nurse, benefit (with -ni-) (throat + ú, 'food').

g̃á: basket; house; stable (cf., g̃ar) [GA_2 archaic frequency: 125; concatenation of 5 sign variants].

g̃á: (cf., g̃ál, g̃ar, $\tilde{g}e_{26}$ and $ma_{(3)}$).

g̃e: (cf., me).

$\tilde{g}e_6$: (cf., gíg).

$\tilde{g}e_{26}$, g̃á: I, myself; my.

$\tilde{g}i_6$: (cf., gíg).

$\tilde{g}u_{10}$: my, mine.

ḫa: precative and affirmative verbal prefix: may; let; indeed.

*ḫa: fish (not the usual word for fish, but the fish sign may get its syllabic reading of ḪA from *ḫ 'many' + a 'water' = 'fish', an alternative to the usual ku_6, kua) [KU_6 archaic frequency: 282; concatenates 3 sign variants].

ḫá, ḫi-a: numerous; diverse; assorted; mixed.

ḫà, ḫù, a_6, u: ten (usually written: u).

ḫe, ḫi: to mix [ḪI archaic frequency: 291].

$ḫe_{(2)}$: abundance; abundant.

ḫé: precative and affirmative verbal prefix (same as ḫa).

ḫu: bird (earlier word than mušen).

$ia_{2,7,9}$, í: five.

ìa, ì: n., oil, fat, cream.

impersonal verbal conjugation prefix, indicates distance from speaker.

ia_4, i_4: pebble, counter.

ka: mouth [KA archaic frequency: 108; concatenates 2 sign variants].

ka: in late usage the difference between a rough measuring and a final measuring of a quantity of grain.

ká: gate [? KA_2 archaic frequency: 11; concatenates 4 sign variants].

ka_5-(a): fox.

ka_9: (cf., kas_7 and níg̃-kas_7/ka_9).

-ke$_4$: often occurs at the end of a genitival compound which functions as the actor or agent of the sentence (ak, genitival suffix 'of', + e, ergative agent marker).

ki: n., earth; place; area; location; ground; grain ('base' + 'to rise, sprout') [KI archaic frequency: 386; concatenates 2 sign variants].

prep., where; wherever, whenever; behind.

kì: (cf., kìd).

ku: to base, found, build; to lie down (reduplication class) [KU archaic frequency: 64; concatenates 3 sign variants].

kú: (cf., gu$_7$).

kù: (cf., kug).

ku$_4$: (cf., kur$_9$).

ku$_5$: (cf., kud).

ku$_6$, kua: fish (kú, 'food', + a, 'water') [KU$_6$ archaic frequency: 282; concatenates 3 sign variants].

ku$_7$: (cf., kuruš).

ku$_{10}$: (cf., gíg).

la: abundance, luxury, wealth; youthful freshness and beauty; bliss, happiness; wish, desire [LA archaic frequency: 20; concatenates 4 sign variants].

lá: to penetrate, pierce, force a way into (in order to see); to know; to look after; to have a beard (cf. also, lal) [LA$_2$ archaic frequency: 57].

$^{\text{g̃iš}}$li: juniper/cedar tree [LI archaic frequency: 14].

lí: true measure; fine oil.

li$_9$: to glisten, shine.

lu: n., many, much; man, men, people; sheep.

v., to be/make numerous, abundant; to multiply; to mix; to graze, pasture (reduplication class [?]) (cf., lug).

lú: grown man; male; human being; someone, anyone, no one; gentleman [LU$_2$ archaic frequency: 85].

lù: to disturb, agitate, trouble; to fluster, embarrass; to stir, blend.

lu$_5$: (cf., lub, lul).

ma: to bind (Emesal dialect for g̃ál; g̃á) [MA archaic frequency: 250].

ma$_{(3)}$; g̃á: to go (Akk. *alaaku*).

$^{\text{g̃iš}}$má: boat [MA$_2$ archaic frequency: 6].

mà: (Emesal dialect for g̃á-e).

ma$_4$: to leave, depart, go out (cf., mud$_6$).

ma$_5$: (cf., mù).

me, mì; g̃e: n., function, office, responsibility; ideal norm; the phenomenal area of a deity's power; divine decree, oracle; cult [ME archaic frequency: 363; concatenates 2 sign variants].

v., to be; the Sumerian copula; to say, tell.

poss. suffix, our.

mé: (cf., gíg).

$me_{3,6,7,9}$: battle [ME_3 archaic frequency: 4].

me_6: to act, behave.

mi: (cf., gíg).

mí[SAL]: n., woman; female (this pronunciation of the sign found in compound words and verbs or in enclitic or proclitic position, Hallo & van Dijk, p. 85) (cf. also, mu_{10}, munus) (compounds are more likely to preserve an older word) [SAL archaic frequency: 435].

adj., feminine.

mu: n., name; word; year; line on a tablet, entry; oath (cf., $\tilde{g}u_{10}$) [MU archaic frequency: 99].

v., to name, speak (cf., mug).

prep., because.

conjugation prefix, suggests involvement by speaker, used especially before dative infixes, preferred for animate and agentive subjects.

mú: (cf., mud_6).

mù, ma_5[KA×ŠÈ]: to mill, grind; to burn (reduplication class).

mu_4: (cf., mur_{10}).

mu_5: well-formed, beautiful; plump, fattened.

mu_7[KA×LI]: to shout, scream, roar; exorcism ?.

mu_{10}[SAL]: woman; female (cf. also, mí, munus) [SAL archaic frequency: 435].

na: n., human being; incense [NA archaic frequency: 105; concatenates 3 sign variants].

adj., no.

modal prefix, emphatic in past tense; prohibitive in present/future tense.

ná, nú: (cf., nud).

na_4; na: pebble, rock, ordinary stone; stone weight; token; hailstone.

na_5: chest, box.

ne(-e), ne.en: this (one); that (one); demonstrative affix [NE archaic frequency: 303; concatenation of 4 sign variants].

nè; ní: strength, vigor, violence; forces, host.

ni; na: he, she; that one (human animate pronoun or possessive suffix) [NI archaic frequency: 263; concatenation of 2 sign variants].

ní: self; body; one's own [NI_2 archaic frequency: 34].

ní; ne_4: fear; respect; frightfulness; awe.

nì: (cf., níĝ).

ni_9: (cf., nìĝin).

nu: n., image, likeness, picture, figurine, statue [NU archaic frequency: 101].

adj. & adv., no, not; without; negative.

pron., a pronominal prefix in a compound noun describing a person; or a phonetic writing for lú.

nu_{11}[ŠIR]: light; fire, lamp; alabaster [NU_{11} archaic frequency: 32].

(ĝiš)pa: leaf, bud, sprout; branch; wing; feather [PA archaic frequency: 378; concatenation of 2 sign variants].

pà: (cf., pàd).

$pa_{4,5,6}$(-r): irrigation ditch, small canal, dike.

pú: well, cistern, pool, fountain; depth [PU_2 archaic frequency: 37].

ra(-g/ḫ): n., inundation [RA archaic frequency: 25].

v., to strike, stab, slay; to stir; to impress, stamp, or roll (a seal into clay); to branch out (from the side of a canal); to flood, overflow; to measure; to pack, haul, or throw away (with -ta-).

prep., dative suffix - for - denotes the animate being towards whom or in favor of whom an action is done.

rá: (cf., re_7).

rà: (cf., ara_4).

re_7; ri_6, rá, ir_{10}; e-re_7; er, ir: to accompany, lead; to bear; to go; to drive along or away; to stir, mix (plural *hamtu* e.re_7.er; cf., du, ĝin, súb).

ri: v., to throw, cast; to place, pour, put into; to place upon or against (with -ši-); to be located; to touch; to moor a boat; to break open; to expel, remove, throw away, sweep away (with -ta-); to emit; to beget; to blow (said of a storm); to inundate; to exchange; to take; to gather, glean; to plan something (ri is *hamtu* form, ri-g is *marû* form, ri-ri-g is plural; cf., rig) [RI archaic frequency: 1].

adj., far.

demonstrative affix, that, those; regarding that (where the reference is to something outside the view of the speaker - over yonder).

RI: calendar month 5 at Umma during Ur III.

ru: n., present, gift [RU archaic frequency: 120].

v., to blow; to give; to send (cf., rúg).

rú: (cf., dù).

rù: to be equal in size or rank.

ru_5: to send forth shoots, buds, or blossoms; to butt; to gore.

sa: n., sinew, tendon; cord; net; mat; bundle; string of a musical instrument [SA archaic frequency: 54; concatenates 2 sign variants].

v., to roast (barley) (cf., si; sa).

sá: n., advice.

v., to approach or equal in value; to compare with; to compete (with -da-).

sa_4: to name; to call by name.

sa_5: n., red ocher.

adj., red, red-brown.

sa_6: (cf., sag_9).

sa_7: well-formed.

sa_9[MAŠ]: half.

sa_{10}: to be equivalent; to buy (cf., sám).

sa_{12}: (cf., sag̃).

si: n., horn(s); antenna(e); line; ray(s); light; plowland (cf., sig_5) [SI archaic frequency: 417].

v., to stand upright; to be straight; to be in order; to become completely still.

adj., regular, normal.

si; su; sa; sa_5: v., to fill up; to fill with (with -da-); to survey a field; to inundate; to be full; to be sufficient, enough; to increase; to compensate, repay, replace; to grow weak (probably reduplication class) (cf., sum, sug_6, rúg, sig, sig_5).

adj., suitable, fit.

sì, sè: (cf., sig_{10}).

si_4, su_4, sa_{11}: red [SI_4 archaic frequency: 116; concatenates 5 sign variants].

si_{14}: a small pot.

su: n., body; flesh; skin; animal hide; relatives; substitute (as verb, cf., si; sug_6 or rúg) [SU archaic frequency: 188; concatenates 2 sign variants].

adj., naked.

^{lú}SU: Subarian.

$su_{(3)}$: (cf., sud, sug_4) [SU_3 archaic frequency: 6].

sú: (cf., zu)

su_4: to grow; to multiply.

su_5: (cf., $suḫ_5$).

su_6: (cf., sun_4).

su_7: (cf., sug_8).

su_8: (cf., súg, súb).

su_9; $ša_4$: n., red ocher.

v., to mourn, grieve.

su_{11}: (cf., zú).

su_{13}: (cf., sud_4).

su_x (TAG): to spread (cf., sud).

ša: to dry up [ŠA archaic frequency: 97].

šà: (cf., $šag_4$).

$ša_4$, $še_{13}$: (cf., su_9).

$ša_5$: to cut, break (reeds).

$ša_6$: (cf., sag_9).

še: n., barley; grain; a small length measure, barleycorn = 1/6 finger = 1/30 cubit = 1.67 centimeter in Presarg.-OB period; as a surface area measure = 432 square linear barleycorns = 12 square fingers; as a volume measure = 1/180 gín = 1/3 gín-tur = 1 2/3 sìla = 360 cubic fingers = 1/10800 sar = approx. 1.667 liters; 1/180 of a gín or shekel of silver = ca. 0.0463 grams (cf., še-ga/ge) [ŠE archaic frequency: 639; concatenates 3 sign variants].

demonstrative affix, may indicate 'there' within the view of the speaker.

šè: n., portion [$ŠE_3$ archaic frequency: 152].

prep., to, unto, as far as, up to; as regards, concerning; because of, for the sake of; until (terminative suffix and in Old Sumerian period terminative prefix).

$še_4$: (cf., sed).

$še_6$: (cf., $šeg̃_6$).

$še_7$: (cf., šèg̃).

$še_8$: (cf., šéš).

$še_{10}$: excrement, dung.

$še_{17}$: (cf., sed_4).

$še_{29}$[LÚ×KÁR, LÚ-KÁR]: (cf., šag̃a).

ši: contrapunctive modal prefix; terminative prefix after Old Sumerian period (cf., šè).

šu: n., hand; share, portion, bundle; strength; control [ŠU archaic frequency: 360].

v., to pour.

šú: (cf., šúš).

$šu_4$(-g): to stand; to be deployed, set up (plural, reduplication class).

$šu_4$: (cf., šuš).

$šu_{12}$: (cf., šùde).

ta, dá: n., nature, character [TA archaic frequency: 34; concatenates 6 sign variants].

prep., from; to; for; by means of (ablative-instrumental noun suffix and verbal prefix; as a noun suffix can be a locative with remote deixis, as in an-ta and ki-ta).

ta_6: (cf., $taka_4$).

te, de_4: n., cheek, chin (cf., temen) [TE archaic frequency: 199].

te, de$_4$; ti: v., to approach, meet (someone: dative); to attack, assault; to be frightened (alternating class, *hamtu* stem; cf., te-g̃e$_{26}$).

tè: an alkaline plant (?); soapwort (?); cardamon (cf., nag̃a).

te$_8$[Á]^{mušen}: bearded vulture.

ti: side, rib; arrow (cf., te, diḫ, and tìl) [TI archaic frequency: 105; concatenates 2 sign variants].

tu: to interfere (cf., tud and tur$_5$) [TU archaic frequency: 54; concatenates 3 sign variants].

tu^{mušen}: (cf., tum$_{12}$^{mušen}).

tú: (cf., tam).

tu$_{2,3}$: (cf., tumu$_{2,3}$).

tu$_{5,17}$: n., bath.

v., to wash, bathe; to pour; to make libation (probably reduplication class).

tu$_6$: exorcism; conjuration; exorcistic formula.

tu$_7$: soup; soup pitcher.

tu$_9$: (cf., túg).

tu$_{10,11}$: (cf., dun).

tu$_{15}$: (cf., tumu).

za: you (singular).

za: to make noise (occurs as the verb in compounds with repetitive, onomatopoeic syllables symbolizing a repeated monotonous noise or motion (Krebernik, *Beschwörungen*, p. 70, summarizes the different compounds that occur in ED IIIB texts).

za$_{(2)}$: precious stone, gemstone; bead; hailstone; pit; kernel [ZA archaic frequency: 9].

zà: (cf., zag).

zé[ZÍ]: to cut; to shear, cut hair; to pluck (Emesal dialect for dùg, cf., zil; zé-er).

zi: n., breathing; breath (of life); throat; soul (cf., zid, zìg) [ZI archaic frequency: 116; concatenates 3 sign variants].

v., (with -r Auslaut) to destroy; to annihilate.

zí: stench; bile; bitter.

zì: (cf., zíd).

zu, sú: n., wisdom, knowledge.

v., to know; to understand; to inform, teach (in *marû* reduplicated form); to learn from someone (with -da-); to recognize someone (with -da-); to be experienced, qualified.

adj., your (as suffix).

pron., yours.

zú, su$_{11}$[KA]: tooth, teeth; prong; thorn; blade; ivory; flint, chert; obsidian; natural glass.

zu$_5$: (cf., azu).

aba, ab: lake; sea [AB archaic frequency: 384; concatenates 2 sign variants].

abba: (cf., ab-ba).

ubi^{ku6}: a marine and fluvial fish [UBI archaic frequency: 7; concatenates 2 signs].

ubu [AŠ]: area measure, = 1/2 of an iku (= 50 sar).

ada, ad: n., father; shout; song [AD archaic frequency: 36; concatenates 3 sign variants].

v., to balk.

adda$_{(2)}$, ad$_{3,6}$: carcass, corpse; skeleton [ADDA archaic frequency: 4].

adda$_4$, ád: to dispatch, send; to drive away; shrub, thornbush [? KIŠIK archaic frequency: 21; concatenates 3 sign variants].

ída, íd, i$_7$: river; main canal; watercourse (éd, 'to issue', + a, 'water').

udu: sheep; small cattle; ram, wether [UDU archaic frequency: 452; concatenates 2 signs].

aga$_{(3)}$: diadem, circlet, crown (of legitimate kingship); turban [TUN$_3$ archaic frequency: 96; concatenates 3 sign variants].

uga^{mušen}: raven.

egi$_{(2)}$: (cf., egir$_{2/3}$).

égi: (cf., ègir).

igi: n., eye(s); glance; face; aspect, looks; front (reduplicated ig, 'door') [IGI archaic frequency: 21].

v., to see.

prep., before, in front of.

igi: reciprocal of a number (= the multiplier that will give 60; the igi of 5 is 0;12) (abbreviation of igi-g̃ál, 'that which is opposite').

ugu [U.GÙ]: n., skull; top of the head; top side; upper part; voice (cf., ùgun, ugu$_{(4)}$) (ù, 'after it', + gú, 'neck').

pron., him, her, them, this one.

prep., upon, over, on top; after; comparative enhancer of adjectives.

úgu [A.KA]: debits part of account tablet.

ugu$_4$ [KU]: to bear, procreate, produce (cf., ugu$_4$-bi).

ág̃a, ág̃, áka, ám: to measure out, mete; to measure (area, length, time, capacity); to check.

ùg̃a, ùg̃, ùku, un(-g̃á): people; population; crowd.

áḫi, aḫ$_5$, á: arm; wing; horn; side; strength; work performance; wages; moment. [A$_2$ archaic frequency: 3]

aka, ak, ag, a$_5$: to do, act; to place; to make into (something) (with -si-) [AK archaic frequency: 149; concatenates 2 sign variants].

àka: fleece.

iku: a surface measure of 3600 meters^2 = 100 sar = 1 square 'rope' = 1/18 bùr (plural Akk. form of ég, ék, 'levee').

$uku_{2,5}$: (cf., $ukur_{3,4}$).

ùku: (cf., ùg̃a).

íla, íli, íl: n., carrier.

v., to lift, carry; to deliver; to bring; to endure; to support; to carry forward (in accounting); to be high; to shine (íl-i in *marû*).

ili_5: to rise, get up.

illu: high water, flood; (amniotic) fluid; resin.

ùlu: (cf., u_{18}).

úllu[KIB], ùl: leash; reins [KIB archaic frequency: 7].

ama: mother [AMA archaic frequency: 241; concatenates 2 sign variants].

áma, am: wild ox or cow (aurochs).

$ama_{(4,5)}$, áme: women's quarters; living room.

eme: tongue; speech; plow's share.

$^{g̃iš}$eme: a utensil.

emma: (cf., enmen).

émma: (cf., énmen).

éme: (cf., $ummeda_{(2)}$).

$eme_{3,5,6}$: she-ass, jenny.

imi, im, em: clay, loam, mud; tablet [IM archaic frequency: 67; concatenation of 2 sign variants].

imi, im, em: wind; direction; weather; storm; cloud; rain (cf., tumu).

umu, um: old woman; nurse; wise or skillful teacher.

ùmmu: (cf., ummud).

únu: (cf., únug).

ùnu(-d): feast; chief cowherd.

unu_6: (cf., ùnug).

ára, ár[UB]: n., praise, glory.

v., to praise, glorify.

$ara_{3,5}$: (cf., ḫara).

ara_4; ar; rà: v., to shine; to blaze.

adj., bright; clear; polished.

iri: (cf., uru).

uri$_{(2)}$: Akkadian (cf., kínda) [URI archaic frequency: 35; URI_2 archaic frequency: 1].

ùri[ŠEŠ]: (cf., urin).

uri$_{2,5}$: (cf., urim$_{2,5}$).

uru$_{(2)}^{(ki)}$, iri, rí; iri$_{11}$: city, town, village, district [URU archaic frequency: 101; concatenation of 5 sign variants; UNUG archaic frequency: 206; concatenates 3 sign variants].

uru$_{2,5,18}$: n., devastating flood; thunderstorm.

adj., high, deep.

ùru(-m)[ŠEŠ]: n., watch fire; light; glowing, luminous object.

v., to watch, guard; to protect.

uru$_4$[APIN], ur$_{11}$(-ru): to plow, till, cultivate.

uru$_9$: stanchion, support.

uru$_{12}$: same meaning as ur$_{(2,3,4)}$ with the *marû* aspect -e suffix and vowel harmony.

uru$_{16}$(-n): valiant; strong, mighty; clever.

asa, as, az: cage; fetter; bear; myrtle [AZ archaic frequency: 13].

esi: (cf., $^{(na4)}$esig).

isi: pit; clay pit.

usu: skill; strength.

ussu$_{(2,3)}$: eight (ía, 'five', + eš$_5$, 'three').

aša$_5$: (cf., ašag).

eša, eše$_4$: emmer wheat flour.

éšša: to be satiated, full.

éše, éš[ŠÈ]: rope; measuring tape/cord; length measure, rope = 10 nindan rods = 20 reeds = 120 cubits = the side of 1 square iku in area = 1,0,0 [60^2] fingers; a surface area measure, = 6 iku; leash (can be an adverbial suffix like eš) (eš, 'much', + eš, 'much') [$ŠE_3$ archaic frequency: 152].

èše: a surface measure = 2.16 hectares or 6 iku.

iši: mountain [IŠ archaic frequency: 88; concatenates 3 sign variants].

eššu: ear of barley or other grain.

ušu: a crop-devouring insect.

ùšu: thirty (eš$_5$, 'three', + ḫà/u, 'ten').

itu, iti: (cf., itud).

iti$_6$[UD.^{d}NANNA]: moonlight.

^{d}utu: the sun as a god (cf., ud).

útu: a dish prepared with milk.

azu, úzu, zu_5: doctor (cf., a-zu) [AZU archaic frequency: 7].

izi[NE]: fire (cf., iz-zi) [NE archaic frequency: 303; concatenation of 4 sign variants].

uzu: flesh; cut of meat; omen (ùz, 'goat', + zé, 'to cut').

uzu_5: evening, sunset.

$dab_{(2,4,5)}$, $dib_{(2)}$: n., fetter.

v., to hold; to take, seize, catch; to bind, tie up; to take away; to hire; to receive (motion into open container).

dab_6, da_5: to surround; to beset, besiege.

$dib_{(2)}$: to traverse, cross; to infringe upon; to pass (by/along); to send over; to wander [? DIB archaic frequency: 6].

dub: n., (clay) tablet; document (motion into open container) [DUB archaic frequency: 229; concatenates 6 sign variants].

v., to store, heap up; to pour out; to move in a circle; to shake; to sprinkle off, strew (with -ta-); to dye (fabrics) (reduplication class ?).

dúb, túb: to kick, flop (said of fish, newborn animals, and slaughtered animals); to strike, hammer, knock down; to (make) tremble, quake; to rumble [DUB_2 archaic frequency: 2].

gaba: breast; chest; side (of a field or mountain) (ga, 'milk', + ba, 'to give').

gib: (cf., gilim[-b]).

gub: to stand; to set, erect, install (singular); to set down in writing; to stand by, to serve (with -da-); to do service (with -ši-); to stand aside (with -ta-) (to be long and throat-like in open container).

gúb: to purify, cleanse.

gùb: left (hand) (cf., ḫab and ḫúb; the left was the hand that stank from wiping excrement) [GUB_3 archaic frequency: 15; concatenation of 4 sign variants].

$ḫab_{(2)}$: n., foul smell; resin; gall(nut) (attracting many vermin in open container).

v., to stink; to rot.

adj., malodorous.

ḫub, ḫup: depth; defeat [ḪUB archaic frequency: 1].

ḫúb, ḫúp: acrobat, athlete; a type of weaver (?); a left-handed or ambidextrous person (?) [$ḪUB_2$ archaic frequency: 2].

káb: flaxen measuring string ?.

kib: an object, that could be made of gold.

kib_x[GIG](-ba): wheat.

lib_x[Í.UDU]: mutton fat; grease (abundance collected in open container).

lub[LUL](-bi): a cut of meat.

urudu lub(-bi): an ax for use in agriculture or as a weapon.

nab: ocean; musician; Elamite word for 'god' (ní, 'fear, respect', + aba, ab, 'lake, sea') [NAB archaic frequency: 10].

nib: cheetah; leopard (ní, 'fear, respect' + íb, 'to be angry').

pab, pap, pa_4: father; brother; man; leader [PAP archaic frequency: 501; concatenation of 2 sign variants].

(ĝiš) rab, rap: ring; clamp; fetter, shackle; stock; pillory; snare (to slide + open container).

rib: to be higher in rank; to go away (Akk. *rabbu*).

sub; su-ub: to suck; to suckle; to clog; to bless; to pray (naked flesh + open container).

súb, súg, su_8: to lead out; to stand; to travel (plural *marû* su_8-bé, said of two or more, such as a herd; cf., also du, ĝin, re_7).

$sub_{2/3}$: (cf., sipad).

šab (PA.IB): n., middle; stem (cf., sabad; dug šab) [ŠAB archaic frequency: 61; concatenation of 2 sign variants].

v., to subtract, deduct; to bite off; to snip out, chip out; to fall out, disappear; to apportion (lots); to gather up (portion + divide).

dug šab: pot; pail; vessel.

šib, šip: exorcism.

šub: to cast, throw; to be cast; (with -da-) to drop, let fall; to fall (upon); to fell a tree; (with -ta-) to throw out, remove (šu, 'hand' + bu_5, 'to rush around').

$šub_6$[ŠID]: to lick.

$šuba_{(2/3)}$: n., a precious stone - agate (?); a priest (cf., sipad).

v., to be bathed, clean ('licked clean' ?).

adj., pretty; shining.

tab: n., companion; pair; sting; fever.

v., to hold, clasp; to bind; to burn; to tremble, shake; to make haste; to join (with -da-); to be/make double (sometimes reduplicated) (side + open container).

adv., together (precedes the modified verb).

tub_x: (cf., tun).

$zib_{(2)}$: haunch; stamp, brand; distinguishing mark; color (izi, 'fire' + íb, 'thigh').

zubu, zubi: sickle (zú, 'flint; tooth', + bu[r], 'to pull, draw, cut off') [? ZUBI archaic frequency: 2; concatenates 2 sign variants].

bad, be: to open; to let out; to go away; to be at a distance; to drive away; to separate, remove (regularly followed by rá; cf., $bara_4$ and semantics of bar) (open container with motion away from) [BAD archaic frequency: 23].

bàd: n., (city) wall [? EZEN archaic frequency: 114; concatenation of 3 sign variants].

v., to climb, ascend.

bad_4: fortress; hardship, difficulty; inarable land.

$bì d$, bi_7: n., anus (open container with motion away from).

v., to defecate; to urinate.

dida: beer; beer ingredient.

didi: young, small.

gada: flax; linen (clothing) (gu, 'flax, thread', + da, 'to protect') [GADA archaic frequency: 96; concatenation of 2 sign variants].

gíd[BU]: n., length [BU: archaic frequency: 393; concatenation of 2 sign variants].

v., to lengthen; to draw, pull, tow; to measure out; to manage; to reach out (to take) (to be long and throat-like with motion away from).

adj., long; distant.

gud, $gu\check{r}_x$, gu_4: n., domestic ox, bull (regularly followed by rá; cf., $gur_{(4)}$) (voice/sound with repetitive processing - refers to the bellow of a bull) [GU_4 archaic frequency: 182].

v., to dance, leap (cf., gu_4-ud).

gud[ku6]; gu-ud[ku6]: carp ('dancing, leaping fish').

$gud_{(2)}$, $gu_{2,4}$: warrior.

gùd: nest.

gud_8: short (related to but opposite in meaning to gíd).

gúda, $gudu_4$: (cf., gudug).

ḫáda, $ḫad_{(2)}$: v., to dry; to shine brightly (ḫé, 'let it become', + dág, 'brilliant').

adj., dry; dried (e.g., fish); white.

ḫúd: morning [UD archaic frequency: 419].

$kad_{4,5}$: to tie, bind together [KAD_4 archaic frequency: 13; concatenates 4 sign variants].

[gi]kid: reed mat [KID archaic frequency: 76; concatenates 5 sign variants].

$kid_{2,7}$: to pinch off (clay); to remove; to divorce; to dispossess; to open (ground with motion away from; cf., kìr, 'to nip off clay').

kìd, kì: to build; to make; to act (ground/floor plus motion).

kid_6, $kad_{6,8}$: to weave a mat (ground/floor plus motion).

kud, kur_5, ku_5: to cut off (with -ta-); to breach (a dike); to separate; to levy tax or tribute; to curse (regularly followed by rá; cf., gur_5, kìr, and gur_{10}) (base with motion away from).

lud: a small bowl; a pestle (abundance + motion).

mud: n., heel; handle; a right-angled tool [MUD archaic frequency: 88].

v., to give birth; to be afraid; to frighten (closed container with motion out from).

adj., dark, dim.

múd: blood (closed container with motion out from).

$mud_{3,4}$: a large vat for beer [MUD_3 archaic frequency: 27; concatenates 4 sign variants].

mud_5: exultation, jubilation.

mud_6, mú: to sing; to blow; to ignite, kindle; to make grow; to sprout, appear (reduplication class) (mu, 'word', + éd, 'to go out').

mud_8[NUNUZ-ÁB = LAK 449]: an amphora in the 30-60 liter range with two neck handles, = 50 ku-li, Presargonic Girsu.

ğišnàd, ná: bed, couch (ná = nú-a, 'to lie down' + nominative [from R. Englund]) [NA_2 archaic frequency: 72; concatenates 4 sign variants].

nud, nú: to lie down; to lie together with (with -da-); to lay down (with -ni-); to sleep; to kill (nu, 'not', + éd, 'to go out').

pad, $pa\check{r}_x$: n., bite, small repast (regularly followed by rá; cf., bur and búru) (sprout + repetitive processing) [? PAD archaic frequency: 38; concatenation of 2 sign variants].

v., to break off.

pàd, pà: to show, reveal; to choose, call; to seek; to find; to declare; to swear, take an oath; to choose out of (with ablative prefix) (pà-dè in sing. *marû*; pà-pà-dè in plural *marû*) (sprout, branch + to go out; cp., pa...éd, 'to show; to make appear'; cf., ér...pàd) [PA_3 archaic frequency: 30].

ğišrad[ŠÌTA]: a tree, possibly a citrus tree [$\check{S}ITA_3$ archaic frequency: 139; concatenation of 2 sign variants].

$sed_{(4,5,6)}$, $\check{s}ed_{7,10,11,12}$, $\check{s}e_{4,5,17,18,23}$: n., cold water; coolness (si, 'to fill up', + éd, 'to go out').

v., to cool down; to repose; to be calmed, quieted; to pacify; to abate, subside.

sud, sù; su: v., to be/make remote, far away, lasting; to stretch; to wag (a tail); to rejoice, feel delight; to sip; to sprinkle; to strew; to furnish, provide; to immerse; to sink; to drown (reduplication class) (regularly followed by rá) (su_4, 'to grow up, multiply', + éd, 'to go out').

adj., distant, remote; long (duration).

súd: to pound, crush; to gnash (the teeth) (su_9, 'red ochre', + motion).

sud_4, su_{13}: v., to be long; to prolong, lengthen; to last; to give, present (regularly followed by rá) (narrow line + repetitive process) [BU: archaic frequency: 393; concatenation of 2 sign variants].

adj., long.

$\check{s}ed_{7,10,11,12}$: (cf., $sed_{(4,5,6)}$).

šid, šed: (cf., $\check{s}ita_5$).

$\check{s}id_{3,4,5}$: (cf., $\check{s}ita_{(4)}$).

šùde, šùdu, šùd, $\check{s}u_{12}$: n., prayer, blessing [$\check{S}U_{12}$ archaic frequency: 1].

v., to pray, bless (šu, 'hand', + dé, 'to hail').

tud, tu, dú: to bear, give birth to; to beget; to be born; to make, fashion, create; to be reborn, transformed, changed (to approach and meet + to go out).

túd: to spank; to cane (tu, 'to interfere', + motion).

zid, zi: n., faith, confidence; legitimacy, sanction; truth (zi, 'soul', + éd, 'to go forth').

v., to strengthen (e.g., the levees of a canal).

adj., right (hand); righteous; good; firm; faithful; true; legitimate; lawful; appropriate.

zíd, zì[ŠÈ]: flour, meal (life + motion as in grinding).

dag: n., resting-place, dwelling, chamber (motion as in traveling + throat-like chamber) [DAG archaic frequency: 4].

v., to add; to stretch (out); to roam about.

dág: brilliant; pure; clean ('to go out' + $aga_{(3)}$, 'diadem, circlet, crown').

dig: v., to become moist, soft, workable; to be in a weakened state (motion + throat-like chamber, vagina).

adj., moist.

dug: standard size earthen jar, pot, jug, vessel, = 30 liters (sìla), except at Presargonic Girsu = 20 liters [DUG archaic frequency: 581; concatenates 5 sign variants].

dùg, du_{10}: n., gladness; knee(s); lap; loins; member (motion + throat-like chamber, vagina).

v., to enjoy; to be/make enjoyable.

adj., sweet, good; beautiful; favorable; pleasing; fresh (water).

dug_4, du_{11}: n., speech.

v., to speak; to order, command; to sing; to speak with, converse (with -da-) (singular *hamṭu* form, cf. also, ég); to do (as auxiliary verb preceded by a noun) (nonfinite form = di) (to make a motion in the throat).

(ĝiš)gag, kak: peg; nail, spike; bone; hinge, joint, knee (reduplicated to be long and neck-like; cf., gub) [KAK archaic frequency: 46; concatenates 2 sign variants].

gig, gi_{17}: n., illness; injury; wheat (cf., kib_x) (throat + i, 'cry of pain', + throat) [GIG archaic frequency: 16].

v., to be/make sick; to be painful to (with dative); to reject.

adj., painful.

gíg, ĝíg, gi_6, ge_6, $ĝi_6$, $ĝe_6$, mi, mé, ku_{10}; gi_{25} n., night (sounds represent the throat chamber or the mouth as an enclosed dark chamber) [GI_6 archaic frequency: 105].

v., to be black or dark (ku_{10}: reduplication class).

adj., black, dark (cf., kúkku).

gug: monthly offering; brand; carnelian (with na_4).

nindagúg: cake; pressed-date bread (gu_7, 'to eat, swallow, consume' + round and neck-like) [GUG_2 archaic frequency: 70; concatenation of 2 sign variants].

gug_5: hostility, war (might be reduplicated $ug_{5,7,8}$, 'to kill; to die').

kug, kù: n., silver; precious metal; money; noble (ku, 'to base, build' + $aga_{(3)}$, 'diadem, circlet, crown') [KU_3 archaic frequency: 181; concatenates 3 sign variants].

v., to cleanse, purify; to make cultically pure.

adj., bright, pure; white; sacred, holy.

lag, lağ: piece; lump, gob; clod; bulk size, collected mass (abundance + round).

lug, lu: to swarm (said of birds and fish) (lu, 'to be numerous' + gù, 'noise, sound').

mug, muk; mu: n., chisel; short, broken wool fibers, tow; sty, eyesore.

v., to hew out, hollow out; to engrave, carve; to abrade, erode (chamber + ku, 'to build').

$mug_{(2)}$: n., nakedness; pudenda (mu_{10}, 'female' + ig, 'door, entrance').

v., to be in heat.

nug: a perfume plant.

nig: bitch; lioness (ní, 'strength, respect, fear' + ig, 'door, entrance'; cf., nib, 'cheetah; leopard').

níg: (cf., níg̃).

nigu, $niga_{(2)}$: fattened (e.g., oxen or sheep); grain-fed (ní, 'body' or níg̃, 'thing', + gu_7, 'to feed, eat' + nominative a).

pag, bag[ḪU]: to cage, shelter (birds) (branches + round chamber).

rig; ri: to bring; to tend; to pull; to glean, pick (reduplication class) (flowing motion such as re_7, 'to accompany, lead, drive along' + ig, 'door, entrance').

rìg: mace, weapon (ri, 'to throw' + $ug_{5,7,8}$, 'to kill').

$rig_{5,7}$: n., list; temple ward, slave.

v., to deed, grant (see etymology of sa_{12}...rig_7).

rúg [SU or NAM.SU]; ru: to restore; to replace; to pay back; to receive (reduplication class) (ru, 'to give; to send' + entrance).

sag_5: (cf., zàg).

sag_9, $šag_5$, sig_6, sa_6, $ša_6$: n., good fortune; (divine) grace, favor.

v., to be/make good; to please, satisfy; to be friendly (with dative or -da-) (reduplicated in *hamṯu*; sa_6-ge in *marû*).

adj., sweet, good, pleasant; beautiful; fruitful (sa_7, 'well-formed' + $ge_{(2,6)}$, 'girl').

sagi [SÌLA.ŠU.DU_8]: cupbearer (loan from Akk. *šaaqû*).

sig; si(-ga): adj., low; late; small, narrow; weak (cf. si-ga as noun, verb, and adjective in compounds) [SIG archaic frequency: 66].

síg: (cf., siki).

$sig_{3,10,11,18}$, $sag_{2,3}$, sì, sè: n., stroke, blow.

v., to chop down (trees); to strike, hurt, damage; to beat (rhythmically, for instance a drum); to (make) totter, shake, quake; to demolish, raze; to flatten, crush; to remove, doff; to become still, settled (si, 'to stand upright' + $ug_{5,7,8}$, 'to kill'; cf., sug_5).

sig_4: sun-dried unbaked brick; brickwork; wall(s) [? SIG_4 archaic frequency: 2].

sig_5, sag_{10}: (to be) mild, sweet, good; of fine quality (narrow, fine + throat for eating).

$sig_{5,9}$; $šeg_5$; si: n., silence.

v., to stay silent; to silence (si, 'to be still' + throat for vocalizing).

sig_7, se_{12}(-g), sa_7(-g): v., to let live; to create; to live; to dwell; to complete; to be/make pleasant or beautiful; to garden; to pull out weeds; to tear out; to complain (in meanings 'to live', plural stem of tìl) (si, 'upright stalks' + ég, 'to water') [SIG_7 archaic frequency: 61].

adj., pale, sallow; green, yellow.

sig_9; si: to be narrow (narrow, fine [+ neck-like]).

sig_{10}, sì, sè: to apply, place, set, put in; to engrave; to make flat, even; to subject, subdue; to sweep along; to do, cause; to surround; to compare; to match (cf., sum, sig_3) (combination of meanings such as: su_x, 'to spread', sig_3, 'to knock down', and sá, 'to compare').

sig_{17} (GI): the color of the low or setting sun = reddish yellow or gold (cf., sig).

sigga, sig_{14}, $šeg_{8,9}$: wild mountain boar ? (cf., šaḫ, šenbar) [$ŠEG_9$ archaic frequency: 10].

sug: swamp; flood basin; lake; fertile land (to fill, inundate + ég, 'levee, dike') [SUG archaic frequency: 15].

súg, su_8: to stand (plural *marû*) (cf., gub, súb) (su, 'body' + 'long and neck-like').

sug_4, sù; su: v., to strip naked, lay bare; to empty (su, 'body' + ig, 'entrance'; cp, $mug_{(2)}$,'nakedness').

adj., empty, destitute.

sug_5[GÍN]: to bring low; to knock down (also read dùn, du_5 with this meaning) (cf., tùn) (si, 'to stand upright' + $ug_{5,7,8}$, 'to kill'; cf., $sig_{3,10,11,18}$, $sag_{2,3}$, sì, sè) [SUG_5 archaic frequency: 67].

sug_6, su: to replace, restore, return (a loan, etc.) (reduplication class) (cf., rúg) (to fill up + entrance, chamber).

sug_8, sul_4, sur_{12}, su_7: threshing floor; grain pile; a small animal (cf., su-a, 'cat').

$šag_4$, šà: n., intestines; gut; heart; stomach; abdomen; entrails; content; womb; body; interior, midst, inside; bed of a river; will, volition; mood; meaning, significance (grain/excrement + water/urine + chamber) [$ŠA_3$ archaic frequency: 137; concatenates 6 sign variants].

prep., in; at.

$šag_5$: to slaughter ($ša_5$, 'to cut, break' + $ug_{5,7,8}$, 'to kill').

$šag_5$: (cf., sag_9).

$šeg_4$: frost; cold shudder, chills.

$šeg_{8/9}$: snow; ice (cf., sigga).

šug: (cf., šuku).

tag: (cf., taka).

tag_4: (cf., $taka_4$).

tigi [BALAĞ.NAR]; tígi [NAR.BALAĞ]: harp (ti, 'life', + gi_4, 'to restore').

túg, tu_9: cloth; cloth garment (side + to encircle) [TUG_2 archaic frequency: 311; concatenates 3 sign variants].

lúTÚG: fuller.

tug_4: (cf., $tuku_4$).

zag, zà: boundary, border, limit, side; cusp, beginning; territory, district, place; sanctuary; percentage; a measure for fish; shoulder; right (side); front; outside of (life + to encircle) [ZAG archaic frequency: 71; concatenates 3 sign variants].

zàg, sag_5, zàg̃, $sag̃_5$[ŠID]: to choose; chosen.

zìg, zi: n., wall, partition (úz, 'side, edge', + ig, 'door').

v., to stand up, rise ; to rise up from (with -ta- or -ra-); to rouse; to go out or make go out; to tear out, uproot, weed; to take out, extract; to spend or credit; to approach; to recruit (zi-zi in *marû*).

adj., high.

zug_4[KA×LI]: (cf., ú-zug_4).

$gig̃_4$: (cf., gín).

ḫug̃, ḫun(-g̃): to hire or rent (someone or something); to introduce (to a job); to rest, repose; to abate (many + to mete out to).

kíg̃, kin: n., message, order; task, work (to build + to mete out to) [KIN archaic frequency: 9].

v., to seek, fetch (with locative-terminative -ni-); to send; to order (reduplication class).

lug̃a[PA.G̃Á], lúg̃[PA], lu_9: fault, error; bad; abusive remark; impudence.

nag̃, na_8: n., drink.

v., to drink; to water, irrigate; to drink out of (with -ta-) (na_8-na_8 in *marû*) (ní, 'body, self', + a, 'water', + ág̃, 'to mete out to').

nag̃a: soda, alkali, potash (used as soap); an alkaline plant; soapwort (nag̃, 'to drink', + a, 'water') [NAGA archaic frequency: 125; concatenation of 2 sign variants].

[g̃iš]$nag̃a_{3,4}$, $nag̃_x$[GAZ, KUM]: to crush; (with nominative -a) pestle.

níg̃, nì: property, treasure, valuables, assets; thing; a matter; something; used as a prefix to form concrete nouns (self + to mete out to) [GAR archaic frequency: 409].

sag̃, sa_{12}: head; point; leader; present, gift; slave; human, individual (sá, 'to equal'; sa_4, 'to name', + $g̃e_{26}$, g̃á, myself) [SAG archaic frequency: 420].

adj., first, first-class, prime.

prep., in front.

$sag̃_{2/3}$: to scatter; scattered (to multiply; to spread + to mete out).

$sag̃_5$: (cf., zàg).

$sag̃a_{11}$, $sag̃_{11}$, $sig̃_{18}$[KIN]: to cut, break, harvest.

šag̃a, $še_{29}$, $ḫeš_5$[LÚ×KÁR, LÚ-KÁR]: captive (tied up with a rope éše; cf., lú-éše).

$šeg̃_{3,7}$, $še_7$: rain; to rain (šu, 'to pour' + to mete out).

$šeg̃_6$, $še_6$: to heat, cook, bake, boil; to be hot; to dry a field (redup. class) (ša, 'to dry up' + to mete out).

zàg̃: (cf., zàg).

daḫ, taḫ: n., substitute, replacement [DAH archaic frequency: 21].

v., to add; to multiply; to repeat; to say further; to help (motion into numerousness).

diḫ$_{(2)}$: to sting; sting, barb, point; sickness, fever; torpidity (?) (cf., ti) (motion + cry of pain + insect).

duḫ, du$_8$: n., residue, by-product; bran (motion + plant, grass + numerous times) [DU$_8$ archaic frequency: 29; concatenates 3 sign variants].

v., to crack, loosen, open; to untie; to adorn, clothe (reduplicated); to spread; to caulk a boat (with pitch); to gouge (eyes); to bake bread/bricks; to prepare the threshing floor; to remit (a debt).

adj., free.

laḫ, àḫ[UD]; uḫ: to dry up; to dry out; to sparkle, shine (cf., luḫ, làḫ).

adj., dry.

laḫ$_{4,5}$: to bring (plural); to drive off; to plunder, capture, take away; to fling (away) (plural form, cf., de$_6$, tumu$_{2,3}$) (íla, 'to bring', + ḫá, 'numerous').

luḫ, làḫ: to be clean, fresh; to clean; to wash; to sweep (la, 'youthful freshness', + ḫe, 'to mix').

maḫ: v., to be or make large (ama, 'mother of', + numerous) [MAḪ archaic frequency: 6; concatenates 2 sign variants].

adj., high, exalted, great, lofty, foremost, sublime.

máḫ[AL]: an adjective for cows (as opposed to g̃iš for bulls).

paḫ[LUL]: leg.

suḫ$_{(2,3,5)}$: n., confusion, disorder; encircling wall (cf., $^{g̃iš}$ù-suḫ$_5$) (ussu, 'eight', + numerous, cf. the ancillary meanings of imin, 'seven' - as more than seven, eight is confusing) [SUḪ$_3$ archaic frequency: 4].

v., to uproot, displace; to relocate, transfer; to become confused.

adj., carefully chosen.

suḫ$_4$: reed matting (fine, narrow + plant + numerous).

šaḫ$_{(2)}$: domestic pig (grain + water + numerous (offspring) - pigs efficiently turn feed into food) [ŠAH$_2$ archaic frequency: 39; concatenation of 3 sign variants].

zaḫ: to be calm, tranquil; a mark or impression, esp. on the liver.

zaḫ$_{2,3}$: n., secrecy.

v., to flee; to hide; to abandon; to be lost; to perish (describes workers/slaves who have fled state control) (derives from zag, 'boundary, border, district', just as ḫúb relates to gùb).

zeḫ[SAL.ÁŠ.GÀR]: female goat-kid (ùz, 'goat', + numerous, abundant).

zuḫ[ZÚ]: to steal, rob (zú, 'teeth' + numerous).

kak: (cf., gag).

siki, síg: hair (of head, beard, body); wool; fur, hide (si, 'long, thin things', + ku$_{10}$, 'black' ? or kul, 'thick, heavy' ?) [SIG$_2$ archaic frequency: 224; concatenates 12 sign variants].

suku$_5$: (cf., súkud).

šika: potsherd; shell; rind (hand, portion + mouth).

šuku, šug: allotted food portion, ration, provision; allotted field plot (regularly followed by rá) (šu, 'portion', + kud, 'to separate').

taka, taga, tak, tag, tà: to touch, handle, hold; to weave; to decorate, adorn; to strike, hit, push; to start a fire; to fish, hunt, catch (can be reduplicated) (te, 'to approach' + aka, 'to do, place, make') [TAG archaic frequency: 48 ?; concatenates 7 ? sign variants].

$taka_4$, tak_4, tag_4, ta_6: to abandon; to disregard, neglect; to divorce; to leave with a person, entrust; to open, leave open (reduplication class - ta_6-ta_6 in *marû*) (ta, 'to, from', + ge_4, 'turn from, restore') [TAK_4 archaic frequency: 128; concatenates 2 sign variants].

tuku, tuk, dúk, tug, du_{12} , tu_{12} : n., creditor [KAB/TUKU archaic frequency: 105].

v., to have, own; to marry; to acquire; to receive, get (in *marû* reduplicated form); to have a claim against somebody (with -da-); to sing, to play music (da, 'with', + ku, 'to build; to lie down').

$tuku_4$, tuk_4, tug_4: to tremble; to be angry (probably reduplication class) (tu_{15}, 'wind', + ku_4, 'to enter').

bal; ba.al: n., hostility; enemies (cf., bala).

v., to dig up; to dig out (a ditch); to quarry; to tear down, demolish (ba, 'conjugation prefix' or 'turtle shell', + al, 'digging stick, hoe, spade').

bala(´), bal: n., spindle; bar; turn; term of office; rotating fund; annual contribution to the state [BALA archaic frequency: 19; concatenates 2 sign variants].

v., to revolve; to revolt; to transgress; to change; to transfer, deliver (to someone: dative); to cross over; to pass through; to pour (as a libation; with -ta-); to turn around, go back (bala-e in *marû*) (ba, 'share', + íla, 'to carry, deliver, bring, support').

bil: to burn; to roast; to heat (soup) (container + to lift, be high).

bìl: sprout, shoot ('it rises').

$bul_{(4)}$; $bu_{(5)}$: to blow; to ignite, kindle; to sprout (onomatopoeic).

dal: n., foot-race.

v., to fly (towards something, with -ši-; out of, with -ta- or -ra-); to remove; to be far away; to chase (da, 'to hold, be near', + ul, 'remote, distant' and ul_4, 'to hasten').

dalla: n., beam, ray (cf., dálla, 'needle' when made with a bright metal).

v., to be or make bright; to shine.

adj., conspicuous; excellent.

dálla, dála: needle (da, 'to hold', + lá, 'to pierce').

dél: (cf., dílim).

dellu: mast.

dili, dil: one; single; only; alone; unique.

$dul_{(3,4,5)}$; dal: n., protection.

v., to cover; to clothe; to protect; to hide (the object covered often takes the locative case) (verb can be reduplicated as in du_6-ul-du_6-ul-e) (to protect + ornament).

$dul_{(6)}$, du_6: mound, heap; sanctuary; ruins, 'tell'; cleft, cave (redup. in plural) (cf. compound sign verb, du_6-ul) (dù, 'to build, erect', + ul, 'ancient, enduring') [DU_6 archaic frequency: 37; concatenates 3 sign variants].

gal, g̃al: n., a large cup; chief; eldest son.

adj., big, large; mighty; great (chamber + abundant, numerous) [GAL archaic frequency: 1004; concatenation of 2 sign variants].

gala[G̃ÌŠ.DÚR]: cantor, ritual singer, lamentation priest; transvestite (throat + la, 'youthful freshness and beauty').

gal_4(-la), gála: vagina, vulva, female genitalia (throat-like chamber + lá, 'to penetrate, pierce').

$gala_{3,4,5}$: (cf., $kala_{3,4,5}$).

galla, $gulla_x$: police chief (?); a demon (cf., gal_5-lá).

gil: (cf., gilim).

gul: v., to destroy, demolish (as preparation for rebuilding); to be destroyed; to obstruct; to extinguish; to cease; to fall upon (with -ši-); to wreck to pieces, to destroy utterly (with -ta-) (reduplication class) (gu_7, 'to consume' + ul, 'ancient, enduring') [GUL archaic frequency: 24].

adj., evil; enormous.

gùl, gal_5: to overwhelm.

g̃ala_7, g̃ál; g̃á: to be (somewhere); to be available; to place, put (with -ni- or bi-); to place into (with -ši-); to be with someone (with -da-); to have on one's person (with -da-); to be possible (with -da-); to take an oath; to dwell (g̃á, 'storage basket' + íla, 'to be high').

g̃èle: (cf., míli).

ḫal: n., crotch, upper thigh;secret; divination expert; portion, share (cf., ḫa-la and pap-hal(-la)) (loans from Akkadian *hallu* I and *pahallu*; cf., Orel & Stolbova #1928, ***pahal-** "leg, thigh" and #1929, ***pahal-** "break through, split") [ḪAL archaic frequency: 53].

v., to stream, run; to divide; to deal out, distribute (ḫal-ḫa in *marû*).

$ḫul_{(3)}$: n., evil (vermin + abundant, numerous) [ḪUL archaic frequency: 1].

v., to destroy; to ruin; to harm.

adj., bad, evil; hated; hostile, malicious.

ḫúl: n., joy (ḫé, 'let there be' + ul, 'joy, pleasure').

v., to be happy; to rejoice over (usually with -da-, but also -ši-).

adj., joyous.

kal-(l): v., to esteem, value; to be rare; to make dear, endear; to be appreciated (cf., kalag) (ka, 'mouth' + la, 'youthful beauty, abundance') [KAL archaic frequency: 60; concatenates 3 sign variants].

adj., excellent; precious, valuable (cf., kalag).

$kala_{3,4,5}$, $gala_{3,4,5}$: store-pit; cellar (cf., ki-lal/lá, 'cellar granary, silo' with vowel harmony).

kul: heavy; thick; sexually mature; to bring together, unite (base + abundant, numerous).

lal, lá: v., to be high; to hold; to lift; to carry; to hang (from) (with -ta-); to weigh; to pay; to deduce; to strap, harness (with -ši-); to dress oneself; to place, set; to bind (a reed pillar); to stretch, extend, reach; to load; to lessen, be few, diminish; to accuse, denounce; to fall back, retreat (cf. also, lá) (reduplicated íla, 'to carry, support') [LA_2 archaic frequency: 57].

adj., light, deficient; minus (cf. also, lá).

(ú)lál: n., noose, lasso.

v., to hang, suspend; to bind; to silence [LAL_2 archaic frequency: 27; concatenates 2 sign variants].

làl: honey; date-syrup (reduplicated la, 'luxury, bliss') [LAL_3 archaic frequency: 14; concatenates 3 sign variants].

la(l)´u$_{(2,3,4,5,6,7)}$: debt, owed amount (cf., lá-ìa[NI], 'arrears').

lalla: shortage, deficiency (reduplicated lal/lá, 'light, deficient').

lil: fool, moron (lallation word = unintelligible baby talk; or lal/lá, 'deficiency', + íla, 'to carry').

líl: n., wind; breath; infection; spirit (of a place); back or open country (reduplicated li, 'cedar scent' ?) [? KID archaic frequency: 76; concatenates 5 sign variants].

v., to infect.

lul, lu_5: n., liar; lie; malicious act.

v., to lie, deceive (reduplicated lù, 'to trouble, disturb').

adj., false; treacherous; malicious.

mèl: 'scorching' = heartburn (?).

méli, míli, mél, g̃èle, g̃ìli[KA×LI]; mèl: throat, pharynx; voice (me, 'to say, tell' + ?; cf., mu_7[KA×LI]; cf., Semitic root which manifests in Akkadian as *qâlu*, 'be silent', but which means 'voice' in Hebrew, Syriac, and Ge'ez [P.R. Bennett, *Comparative Semitic Linguistics*, p. 50).

milla[IŠ]: (cf., zíd-milla).

mul: n., star; constellation; planet; meteor (g̃i_6/mi, 'night', + ul, 'star, ornament') [MUL archaic frequency: 6].

v., to (let) sparkle, shine, glow.

mùl: a destructive insect; caterpillar (mù, 'to mill, grind', + ul, 'flower, bud').

pala$_{(2,3)}$: vestments, clothing (of gods and rulers) (cf., pa-paḫ, 'inner sanctum', and lal/lá, 'to drape' as in túg-níg̃-lal).

pil$_{(2)}$: to be/make obscure; to be/make dirty, defiled, disgraced (could refer to soot from bil, 'to burn').

sal, šal: n., uterus; vulva (narrow + numerous) [SAL archaic frequency: 435].

v., to be narrow, thin, wide, spacious; to spread; to persist; to belittle.

sil: to praise; to recline (in preparation for the love-making implied by $sil_{5,6}$).

$sil_{5,6}$: pleasure, joy, bliss (si, 'to stand up like a horn', and si, 'to fill', + ul, 'joy, pleasure').

sila, sil; síl, zil; si-il: to cut into; to divide (si, 'long and narrow', + lá, 'to penetrate, pierce').

sila$_{(3)}$: street; path; trail; road; market place (si, 'anything long and narrow', + lá, 'to extend, reach').

sìla, sìl, šál: measure of capacity, liter = 0.842 modern liters in the Neo-Sumerian period; measuring pot (si_{14}, 'a small pot', + lá, 'to weigh'; but cp. also, sal, 'uterus') [$SILA_3$ archaic frequency: 57; concatenates 3 sign variants].

$sila_4$: (male) lamb; bait (cf., kir_{11}) (síg, 'hair, wool', + la, 'abundance') [$SILA_4$ archaic frequency: 73; concatenates 4 sign variants].

sùl: (cf., sun_4).

sul$_4$: (cf., sug$_8$).

šal: (cf., sal).

šál: (cf., sìla).

šul, sul: n., young man; warrior; invader; a bad disease involving skin eruptions (probably Akkadian loanword from *šalaalu*, 'to plunder; to deprive').

v., to hurry, hasten, speed up (cf., ul$_4$); to rub into the skin (duplication class).

adj., strong, heroic, proud, splendid.

tal: large jug (sides + abundant).

tál[PI]: n., breadth; understanding (sides; character + abundant).

v., to be/make wide, broad; to spread, unfold (said about wings, arms).

til: to be ripe, complete; to pluck; to put an end to, finish; to cease, perish (iti, 'moon', + íl, 'to be high; to shine' ?) [? ZATU-644 archaic frequency: 65; concatenation of 2 sign variants].

tìla, tìl, ti: n., life (tu, 'to be born', + íla, 'to lift, carry').

v., to live; to keep alive; to survive (with -da-); to dwell; to be halted (singular stem; cf. sig$_7$).

til$_{4,5,6}$, tal$_{3,4,5}$: cry, shout, scream (te; ti, 'to be frightened', + ?).

tílla: market place; crossroads (tìl,'to keep alive' + nominative) [TILLA$_2$ archaic frequency: 5].

túl: public fountain, well, cistern; lowland (tu$_{5,17}$, 'bath', + to lift, be high, deep; cf., pú-lá, deep well).

zal[NI]: n., supply.

v., to be full or abundant; to flow; to continue; to pass, elapse (said about time); to spend the day; to tarry, wait (often with -ni-; with -ta- in a temporal sense) (cf., zalag) (za,'monotonous repetition' + numerous).

zil; zi; zé: to undress; to peel off; to pare, cut; to shell; to flay (cf., sila) (zé, 'to shear, pluck', + ul, 'joy, pleasure').

zíl: to make beautiful, pleasing; to be loving, gentle, affectionate; to caress (usually reduplicated) (cf., zil).

dam: spouse (husband or wife) (da, 'side; nearness; to hold, protect', + àm, 'to be; who') [DAM archaic frequency: 10].

^{ğiš}dam: the (curved) beam that connects the bottom of the plow to the pole.

dim: n., bond, tie; rope (dam, 'spouse', modified by i, 'to sprout', that indicates long and narrow as in si) [DIM archaic frequency: 52; concatenates 3 sign variants].

v., to make fast.

dím[GIM]: to make, fashion, create, build (dù, 'to build, make', + im, 'clay, mud').

^{ğiš}dím: post (cf., dim).

dìm: n., sickness demon; pole of a water lift.

adj., weak (di$_4$, 'small', + àm, 'to be' ?).

dim$_4$: n., begging; tendril, clinging vine (cf., dim).

v., to approach; to bow; to beg.

adj., subservient (di_4, 'small', + àm, 'to be' ?).

dima, dimmu: news, information; intention, decision (loan from Akk. *t.eemum*).

dumu: child; son; daughter (dú, 'to bear, give birth', + mú, 'to sprout, grow'; probably pronounced domu).

gam: n., decline, incline; death; depth (cf., gúr).

v., to bend, curve; to bow down, kneel (for someone: dative; direction: terminative); to shrivel; to succumb (like a circle + to be).

gàm: n., sickle; handle (like a circle + to be).

v., to shine, glitter (like a crown, $aga_{(3)}$, + to be).

géme, g̃éme(?): woman; workwoman; maid; slave-girl (g̃eš, 'tool', + mí, 'woman').

gim, kim, gin_7: prep., equative suffix; as, like; instead of; just as, during (cf., dím) (syllabic spellings indicate both gim and gin_7; cf., Akk. *kiima* with same meanings).

gim_4, ím: n., runner (cf., $kaš_4$).

v., to trot, run (mainly said of animals) (gi_4, 'to come back' + im, 'wind').

gim_7: (cf., kìm).

gum: (cf., kum).

gúm, gun_5: to influence; to neglect, ignore (ga, 'milk' + um, 'old woman').

ḫum: to wrestle; to be passionate; to bruise, punch; to smash, break; to thresh grain; to paralyze (many + $u_{(3,4,8)}$, 'fight, dispute' + $me_{3,6,7,9}$, 'battle'; cf., ḫúb, ḫúp, 'acrobat, athlete').

$kam_{(2)}$: n., grasp, grip.

v., to desire (cf., ki...ág̃, 'to love').

kàm: n., tablet; disk (of metal or wood) (ka, 'mouth' + imi, 'clay').

v., to change; to overturn; to banish, drive out (these verbs make me wonder if this became the Sumerian word for a changeable wax-coated writing tablet).

kìm[BU], gim_7: willow tree.

kum, gum: n., mortar (for grinding) [GUM archaic frequency: 47; concatenation of 2 sign variants].

v., to crush, bruise (cf., ḫum; alternation between ḫ and k/g like the alternation between ḫab, ḫúb and gùb).

kúm: n., heat; summer; fever (kù, 'bright' + to be).

v., to heat.

adj., hot.

kum_4 [UD]: an adjective describing flour [that would be ground in a mortar, kum] and bread.

lam: n., abundance, luxuriance; almond tree; netherworld [LAM archaic frequency: 47; concatenates 3 sign variants].

v., to grow luxuriantly; to make grow luxuriantly (la, 'abundance' + to be).

láma, lám: an awe-inspiring quality (la, 'abundance' + me, 'function, power').

^{d}lamma, làma: a female spirit of good fortune; tutelary genius (lam, 'to make grow luxuriantly', + a, nominative suffix).

lima, limi, lim: thousand (**four** hundred greater than g̃éš×u, 'six hundred').

$limmu_{(2,4,5)}$, lím: four (cp., lam).

lum: n., fertilizer, manure; cloud [LUM archaic frequency: 23].

v., to be satiated, full; to soften, soak; to grow luxuriantly; to be fertile, productive; to make productive; to bear fruit (abundance + grass, plant + to be, behave).

lùm[DUG]: a small drinking pot.

nam: (area of) responsibility; destiny, fate, lot, sign; office; governor; province; manner, way; used mainly as a prefix to form abstract or collective nouns, such as nam-lugal, 'kingship' or nam-maḫ, 'greatness' (n, 'precise essence', + àm, enclitic copula, 'to be') [NAM archaic frequency: 30; concatenation of 4 sign variants].

nám[TÚG]: planning ability; destiny; prince, noble (time; high + to be) [NAM_2 archaic frequency: 375].

nim, num: n., prince; flying insect; highland; east; morning (high + to be) [NIM archaic frequency: 109; concatenation of 4 sign variants].

v., to be high; to multiply in arithmetic.

adj., high; early.

adv., above.

rim_4: (cf., $kaš_4$).

sám, šám, sa_{10}: n., equivalent; (barter) purchase; sale price; merchandise (Akk. loanword from *šâmu(m)*, 'to buy, purchase', cf., Orel & Stolbova #2281 ***su'um-*** 'sell, buy') [$ŠAM_2$ archaic frequency: 51].

v., to buy (with -ši-); to sell (with -ra-, ablative) (sa_{10}-sa_{10} in *marû*).

sim, sín[NAM]: to strain, filter; to sift (flour); to see through (fine, narrow + to be).

sim, sín[mušen]: swallow (Akkadian *sinuntu*).

sum, šúm, sím, sì: to give, lend (with dative) (sum-mu in *marû*) (cf., sám) [SUM archaic frequency: 43; concatenates 2 sign variants].

sum_4: (cf., sun_4).

šim, šem; ším[NAM], sim: n., herb; aromatic wood; resin; spice; fragrance, perfume (see comments on šúm; *sam* is 'spice' in Hebrew; cf., ir-si-im) [ŠIM archaic frequency: 50; concatenates 2 sign variants].

adj., fragrant.

$šem_{3,5}$[(zabar)]: tambourine (ḫalḫallatu drum in Akkadian) (many + me, 'functions').

šum: n., saw; sickle with serrated edge ($ša_5$, 'to cut, break' + eme, 'tongue, utensil' ?; cf., $šag_5$, 'to slaughter') [? TAG archaic frequency: 48 ?; concatenates 7 ? sign variants].

v., to slaughter, butcher.

šúm, sum: garlic; onion (Akkadian loanword from *šuumu*, 'garlic', related to *šammu*, 'plant, drug, medicine', Orel & Stolbova 2185, **sam-**, 'poison').

šum$_4$: (cf., suĝin).

tam, ta$_{(5)}$, tú: polished; shiny; reflective; pure; reliable (tu$_{5,17}$, 'to wash, bathe', + àm, 'to be').

tum: work, action; crossbeam; arrow quiver [TUM archaic frequency: 48; concatenates 4 sign variants].

tuma: to break wind, emit flatus (tu$_{15}$, 'wind', + ma$_4$, 'to leave, depart, go out').

tumu, tum$_9$, tu$_{15}$: wind; cardinal point, direction (ta, 'from', + mú, 'to blow').

tumu$_{2,3}$, tum$_{2,3}$, tu$_{2,3}$: to bring; to carry away; to obtain; to be suitable, fit; to prepare (*marû* singular; cf., de$_6$, laḫ$_4$) (in *marû* plural, tùm-tùm[-mu] or túm-túm-mu) (ta, 'from', + ú, 'food', + ma$_4$, 'to leave').

tumu$_4$, tum$_4$[NIM]: to carry (ta, 'from', + ú, 'food', + ma$_4$, 'to leave').

tum$_{12}$^{mušen}, tu^{mušen}: bird of the pigeon and dove family (cf., tum$_{2,3}$, 'to bring, carry', and the term "carrier pigeon" for a homing pigeon).

zum: to leak, seep, overflow (repetitive motion + closed container; cf., zal, 'to flow', and zar, zur$_4$, 'to spout, flow').

ban: (cf., pana).

bán: vessel; a measure of capacity or volume = 10 liters (sìla) in the Ur III period; = 6 liters at Presargonic Girsu (cf., banda$_{2,4,5}$) (ba, 'portion, rations', + na, 'human being').

bàn: (cf., bànda).

bun$_{(2)}$, bu$_{(7)}$: n., lamp, light; blister; bag-type of bellows; rebellion (hollow container + nu$_{11}$, 'lamp' ?).

v., to be swollen; to blow; to shine brightly (cf., bul, 'to blow; to ignite').

din: (cf., tin).

dun: n., ward, pupil, subordinate.

dun, du$_{24}$; tun, tu$_{10}$; tu$_{11}$: v., to heap, pile up; to scrape, dig (a field, furrow, hole); to strike, smite; to open (to move + to raise high; cf., dul$_{(6)}$).

dùn: (cf., sug$_5$).

dun$_{(4)}$: n., warp (threads on the frame of a weaving loom).

v., to lay a warp (onto a weaving loom) (to move + to raise high).

dun$_5$, du$_9$[BÚR]: v., to churn butter; to sway, stagger; to complain (redup. class) (see instead sun$_5$ if the sign is used as an adjective) (to move + to raise high).

gana, gan, kan: n., stand, rack, support; pestle, grinding stone (circular + to raise high) [GAN archaic frequency: 125; concatenation of 4 sign variants].

v., to bring forth, bear.

gána, gán: tract of land, field parcel; (flat) surface, plane; measure of surface; shape, outline; cultivation (cf., iku) (cf., Orel & Stolbova #890, ***gan-** "field") [GAN$_2$ archaic frequency: 209].

genna, gena, ginna, gina[TUR+DIŠ]: constant; regular; small; the planet Saturn (possible loan from Akk. *kajjamaanu*, *kajjaanu*, and *kaanu* 'constant'; cf., gi(n), ge(n) and ĝin, ĝen).

gín, giĝ$_4$: small ax(-head) used as money; shekel (of silver) = ca. 8.333 grams; a surface area measure, 1/60 square nindan(sar) = 180 surface še = 2160 (=36,0) square fingers; a volume measure, = 0.3

cubic meters (Akk. *kiinu* 'true measure', cf., Orel & Stolbova #1459, ***kin-** "count") [TUN_3 archaic frequency: 96; concatenates 3 sign variants].

gìn: lapis lazuli (igi, 'eye', + na_4, 'pebble, stone', but cf., gùnu, 'decorated with colors, lines, spots').

gin_7: (this is sometimes the preferred form, but cf., gim).

gun [GÚ-UN]; gún, gú: back of a man's neck = load, burden = a talent in weight = 30 +/- 2 kg.; tribute (gú, 'neck; nape' + ùğa, un, 'people'; cf., gú).

gún, gú: land, region, district (gú, 'edge' + ùğa, un, 'people, population').

gùnu, gùn: n., dot, spot (circle + discrete point; cf., ugun) [GUN_3 archaic frequency: 23; concatenation of 2 sign variants].

v., to decorate with colors, lines, spots; to sparkle; to put on antimony paste makeup.

adj., dappled; striped; speckled, spotted; spangled; variegated, multicolored; embellished, decorated; brilliant.

gun_5: (cf., gúm).

ğin, ğen: n., steadiness, reliability, constancy (to be + at a distinct point).

v., to go; to send; to come (with dative or -ši-) (sing. *hamtu*, cf., du, re_7, súb) (Akk. *gana* 'come!', cf., Orel & Stolbova #892, ***gan-/*gin-** "go").

adj., ordinary; firm, solid.

ḫun: (cf., ḫuğ).

$kana_{3,5}$, $kan_{3,5}$: n., apprehension, worry; affliction, trouble (ka, 'mouth' + ní; ne_4, 'fear').

v., to be troubled.

[urudu]KIN: (cf., $gur_{10,14}$; ur_4).

kin: (cf., kíğ).

[na4]kín [ḪAR]: hand mill (saddle quern for grinding); millstone (base/ground + stone) [KIN_2 archaic frequency: 11; concatenates 4 sign variants].

kun: tail; reservoir, storage basin, outlet (of a canal); grasp (base/seat + high) [KUN archaic frequency: 2].

[(ğiš)]$kun_{4,5}$: ladder; stairs, staircase; threshold, slab, doorsill (base/ground + high).

mana, mìna, man, mìn, men_5: partner; companion; equal; two (cf., mina, 'two').

$men_{(4)}$: crown, tiara (metaphor of divine en-ship) (me, 'function, office' + en, 'lord') [MEN archaic frequency: 48; concatenation of 2 sign variants].

mén: both; alike (cf., mana).

$men_{2,3}$: I, myself (cf., me-en).

$min_{(3,5,6)}$: (cf., mina and mana).

mina, $min_{(5,6)}$: two; second (mí, 'woman', + na, 'distinct things', because a woman has two breasts).

$munu_{(3)}$, mun: salt [MUN archaic frequency: 24 ?; concatenates 5 ? sign variants; $MUNU_3$ archaic frequency: 15].

múnu: a caustic salt (mú, 'to make grow', + nu_{11}, 'fire'; saltpeter is the oxygenating ingredient in gunpowder).

$munu_{4,6}$: malt - soaked and germinated grain for use in brewing (mù, 'to mill', + nud, 'to lie down, sleep').

$munu_x$, mun_4 [ŠEŠ]: alkaline, brackish.

nin: queen, mistress, proprietress, lady; lord (reduplicated ní, 'fear; respect; frightfulness; awe') [NIN archaic frequency: 75].

nin_9: sister (reduplicated ní, 'self; body; one's own').

^{mušen}nínna: nocturnal bird - owl (nin, 'fearsome lady', + a, nominative suffix; the predatory owl with its human-like face probably gave rise to the demon Lilith myth; cf., ^{d}nin-nínna^{mušen}).

ninnu, ninu: fifty (nimin/nin_5, 'forty', + ḫà/u, 'ten',).

$ninni_5$: a rush used in basketry; bulrush (reduplicated nin or nin_9, where reeds and rushes were seen as belonging to a young woman goddess similar to the grain goddess Nisaba).

nun: n., prince, noble, master (ní, 'fear; respect',+ un, 'people' ?) [NUN archaic frequency: 652; concatenation of 4 sign variants].

v., to rise up (n, 'to be high',+ u_5, 'to mount; be on top of; raised high').

adj., great, noble, fine, deep.

pana, pan, ban: bow (pa, 'branch', + na_4, 'pebble, stone') [BAN archaic frequency: 27; concatenates 2 ? sign variants].

rín [ERIM]: to be/make bright (reduplication class); to attach, join, hitch (cf., érin, rín) (ara_4; ar; rà, 'bright', + to be high).

sín: (cf., sim).

sun: (cf., sug̃in).

sún: aurochs cow, wild cow; beerwort (su, 'to fill, be sufficient',+ un, 'people').

sun_4, sum_4, sùl, su_6: chin; lower lip; beard (cf., si, 'long, thin things', and tùn, 'lip') [SU_6 archaic frequency: 1; BU_3 archaic frequency: 21].

sun_5[BÚR], su_{16}: n., modesty.

v., to enter (plural ?; cf., kur_9) .

adj., humble; with bowed head; dominated (su_9, 'to mourn, grieve' + ní, 'fear; respect').

sun_7[KAL]: quarrel, discord.

šen [SU×A]: n., a copper pan, pail, vessel; mirror (?) (liquid + stone) [ŠEN archaic frequency: 66; concatenates 4 sign variants].

adj., clear, pure; polished, shiny.

šén: verdigris.

šún [MUL]: n., star.

v., to shine brightly.

tán [MEN]: to become clean, clear, light, free (ta, 'nature, character' + an, 'sky, heaven').

ten; te-en: n., cold, coolness (te, 'to approach, near' + en, 'time' referring to shorter days ?).

v., to trample, extinguish; to soften, allay; to cool (te-en-te in *marû*).

tin: n., life; wine [TIN archaic frequency: 93].

v., to cure; to be healthy; to live.

$tun_{(3)}$, tu_{10}: to constrict; to defeat; to massacre; to break up, smash (cf., dun).

tùn[GÍN]: n., pocket, pouch, case; wrap, bandage; stomach; lip (te, 'cheeks' + nu, 'likeness') [SUG_5 archaic frequency: 67].

adj., intact, bound.

pap: (cf., pab; pa_4).

rap: (cf., (ğiš)rab).

sipa: (cf., sipad).

bar: n., (out)side; soul, innards; fleece [BAR archaic frequency: 306].

v., to open; to uncover, expose; to see; to remove; to be absent; to release; to peel, pare, shell; to select; to divide; to split; to distribute; to keep away (with -ta-) (container plus to expel, remove as in ri).

adj., foreign.

prep., because of.

bár: (cf., barag).

$bar_{6,7}$: v., to shine, be bright; to break (of the day) (cf., bar, 'to expose', which refers here to the sun; and cf., ara_4, 'to shine; to blaze').

adj., white.

bára: (cf., barag).

bàra, pàra, bàr, pàr[DAG]; $para_4$, par_4[KISAL]: to stretch or spread out; to pass over; to be stretched or spread out (cf., bárag) (interchanges with búru) (ba, 'to apportion, divide', + ra(-g/ḫ), 'to overflow'; cf. compound word, ba-ra(-g)) [$BARA_3$ archaic frequency: 13].

$bara_4$[BAD]: to spread out, open wide; released; separated.

$bara_{5,6}$: (cf., barag).

bir: to scatter, mix; to wreck; to murder (ba, 'to divide', + ir_{10}, re_7, 'to stir, mix') [BIR archaic frequency: 9; concatenation of 3 sign variants].

$bir_{(2,4)}$: n., mistiness (of the eyes) (ba, 'inanimate conjugation prefix', + ér, ír, 'to weep' and ur_5, 'to smell', with possibly a hidden meaning of 'to dry' for Vr or ara_4 as also seen in dúr).

v., to sniff, wrinkle one's nose; to dry up, shrivel up.

adj., flaccid, shriveled up (said of a penis).

bìr[ERIM]: team (of donkeys/animals) (ba, 'inanimate conjugation prefix', + ir_{10}, 'to accompany, lead; to bear; to go; to drive along or away', the plural *hamtu* for 'to go', cf., re_7) [?? BIR_3 archaic frequency: 23; concatenation of 3 sign variants; ZATU-143 ERIM archaic frequency: 175; concatenation of 3 sign variants].

$bir_{4,5}$: locust; sparrow (cf., bìr for animals in plural numbers).

$bir_{6,7}$: to rip to pieces; to break (cf., bir for similar semantics).

bir_9[NE]: to blaze, flame up (cf., $bar_{6,7}$ for similar semantics).

bur: meal, repast; stone bowl, pot (cf., búru) (ba, 'portion, rations, open container', + úr, 'lap, thighs, legs') [BUR archaic frequency: 51; concatenation of 4 sign variants].

búru, bur$_{(2)}$: n., burin; thread [BUR$_{2}$ archaic frequency: 45].

v., to open, release, loosen; to spread out (a garment); to dissolve; to interpret (a dream); to dispose of; to pay (with -ta); to knap, flake off (flint); to tear out; to despoil (reduplication class; cf., bar, bur$_{12}$) (cf., bar and bàra for similar semantics).

bùr: a square surface measure = 6.48 hectares = 18 iku = 3 area éše = 1800 sar = the amount of land that supported a family (also cf., bùru) (from Akkadian *buuru* IV, "hunger", but cf., *bii/eeru* IV, "space, distance").

bùru(-d), bùr: n., opening; receptacle; hole; mine; depth (Akk. *buuru* 'cistern, well', cf., Orel & Stolbova #164, ***ba'Vr-/*bu'Vr-** "well, pit"; could also be Sumerian from, ub$_{4}$, 'cavity, hole', + úr, 'floor' - the u vowel especially correlates with round objects or openings).

v., to receive; to bore through, pierce; to break into (a house).

buru$_{4,5}^{mušen}$: raven ?, crow ?; sparrow ?; locust, grasshopper (cf., bìr for animals in plural numbers, bir for destructive wreckers, and bur$_{12}$, bu$_{(3,6)}$ + nominative for anything that harvests or destroys plants).

buru$_{7}$[GURUN]: fruit tree; fruit; berry [rare word].

buru$_{8}$: to vomit (Akk. *arû IV*, *parû III*, 'to vomit', cf., Orel & Stolbova #120, ***'or-** "vomit").

bur$_{12}$, bu$_{(3,6)}$: to tear, cut off; to pull, draw; to be drawn; to tear out, uproot; to remove, keep away (ba, 'to divide' + úr, 'base, root') [BU archaic frequency: 393; concatenation of 2 sign variants].

buru$_{14}$, bur$_{14}$: harvest; hot season, harvest time (bur$_{12}$, 'to tear, cut off', + either ú, 'plant' or a, nominative suffix with vowel harmony).

dar: n., francolin, pheasant [DAR archaic frequency: 36; concatenation of 4 sign variants].

v., to slice, split; to shatter (reduplication class) (da, 'sides', + ur$_{4}$, 'to shear, reap').

dára, dár: n., belt, sash (compare dur, 'bond, tie').

v., to bind, pack.

dàra, dàr: (cf., duraḫ).

dara$_{4}$, dar$_{4}$: dark, dim; high (compare dirig, 'to be darkened; to go over') [DARA$_{4}$ archaic frequency: 81; concatenation of 9 sign variants].

diri, dir: (cf., dirig).

dur: bond; string, thread; strap, tie; amulet chain, necklace; umbilical cord (da, 'arm, side', + ur, 'to surround') [DUR archaic frequency: 58; concatenates 2 sign variants].

dúru, dúr: (cf., duruna).

$^{(anše)}$dùr$^{(ùr)}$: he-ass; donkey foal (pack animal - cf., dur, 'strap').

duru$_{5}$, dur$_{5}$[A]: irrigated; moist; fresh; supple (dé, 'to water' + ru$_{5}$, 'to send forth shoots'; cf., a-dé, 'fresh').

$^{(anše)}$dur$_{9}$[ŠUL]: donkey stallion (usually written du$_{24}$-ùr or dur$_{9}$$^{(ùr)}$) (cf., ^{anše}dùr$^{(ùr)}$).

dur$_{10}$: ax (compare dar, 'to slice, split').

gar: (cf., g̃ar).

gàr, kàr: knob, pommel; hair lock on the back of the head (sign of a slave); cake; filled sack (of silver ?) = purse; used for round and high objects ('circular' + 'to send forth; to protect').

gar_4[GUD/GUŘ]: early (the 'bull of the sun', Mercury, can only be seen right before sunrise; cf., gu_4-ud).

$gara_{2,9,10}$, $gar_{2,9,10,11,12}$: thick milk, cream; cheese (cf., ga-àr-ra) [$GARA_2$ archaic frequency: 106; concatenation of 2 sign variants].

gir, kir: cow or mare of intermediate age; a fish, possibly a carangid (ki, 'place', + $ir_{(2)}$, 'fluid secretion') [GIR archaic frequency: 28; concatenation of 4 sign variants].

gir_4, kir_{13}: kiln (for lime or bitumen); oven (cf., udun) (ki, 'place', + ara_4, 'to shine, blaze') [GIR_4 archaic frequency: 1].

gir_5: (cf., $\tilde{g}iri_5$).

gir_{10}, gi_9, ge_9[NE]: anger, fury (compare bir_9).

$giri_{11}$, gir_{11}[KEŠDA]: to be tidy, neat (cf., ḫir) (gi_4, 'to restore', + ri, 'to sweep away').

gir_{15}, gi_7 [KU]: noble; domestic, civilized; belonging to the native in-group (circle + city) [$ŠE_3$ archaic frequency: 152].

$giri_{17}$: (cf., kìri).

gur, kùr: n., reed basket; measure of capacity - Biblical **kor** (= 300 sìla in Old Akkadian and Neo-Sumerian periods; = 144 sìla in Old Sumerian Girsu/Lagash; in admin. texts = 2 bariga) [? GUR archaic frequency: 14] (circle + to reap; to send).

v., to make a circular motion; to come back; to return; to give back; to protest, contradict; to reject evidence (in a legal case); to turn away from (object has ablative -ta); to wipe off.

gúr: n., sphere; circle, ring; loop; hoop (circle + ur, 'to surround').

v., to bow down, submit; to curb, subdue; to die (cf., gam).

gùr, ga_6: to bear, carry; to be full, loaded, laden (Umma reading for íla sign, cf., mir) (circular container + er, 'to bring'; cf., gur, kùr, 'basket').

$gur_{(4)}$, kur_4, gir_8: v., to be or feel big; to be endowed with; to turn, roll over; to run; to gallop; to grind (reduplication class) (circle + flowing motion).

adj., thick, coarse; fattened, plump; bright, preeminent; very strong; great (cf., gud, $guř_x$, 'bull').

$guru_5$, gur_5, kur_{12}: n., fangs.

v., to separate, divide; to cut, pull (weeds) (gú, 'neck; nape' + ra, 'to strike'; cf., kud, kur_5; and gú-gur_5...dug_4/du_{11}/e).

$guru_6$: (cf., kára).

$guru_7$, gur_7, $kara_6$: grain heap; granary, silo; a capacity measure, ca. 909 liters (cf., gur, 'basket').

$guru_8$, gur_8 [TU]: high; deep.

(urudu)$gur_{10,14}$; ur_4: n., copper sickle (semi-circle + flowing motion).

v., to reap, harvest; to pluck; to shear (sheep); to gather in; to catch (in a net); to gather together; to join in assent (probably reduplication class) (cf., $sa\tilde{g}a_{11}$[KIN]).

g̃ar: n., storeroom; form, appearance (to be + to send) [GAR archaic frequency: 409].

v., to store, accumulate; to deliver, deposit; to put, place, set down upon; to make, establish, restore (with -ši-); to remove and set elsewhere (with -ta-); to expel (with -da-) (g̃á-g̃á in *marû*).

g̃íri, g̃ír: n., knife, dagger, sword; thorn; scorpion; lightning flash; road; expedition, trip (g̃iš, 'tool', + ra, 'to strike, stab, slay' with vowel harmony) [GIR_2 archaic frequency: 114].

v., to stab; to fulgurate, lighten, flash.

g̃ìri, g̃ìr: n., foot, feet; step; way, path (g̃iš, 'tool', + uru_9, 'support'; úr, 'leg(s)'; cf., g̃idri and g̃ušur for similar and different phonetic developments).

prep., via.

$g̃iri_{2,3}$, $g̃ir_{2,3}$: n., booty; captive (additional associations of 'road' and 'sword').

v., to pillage; to capture; to drive away; to take away; to be taken.

$g̃iri_5$, $g̃ir_5$[$KAŠ_4$]: n., refugee, stranger.

v., to run, trot; to seek refuge.

$g̃iri_{16}$, $g̃ir_{16}$ [G̃ÌR×KÁR]: fortress, refuge.

ḫar, àr, ur_5: n., millstone; ring; link (in a chain); coil or spiral of silver or other precious metal that can be worn as a ring or bracelet and was used as money (cf., kín, kikkin, ḫara, $ara_{3,5}$, ur_5) (many small explosions + sliding motion) [UR_5 archaic frequency: 34; concatenation of 2 sign variants].

v., to chew.

adj., small; young.

ḫara, $ara_{3,5}$: n., miller (reduplicated ḫar/àr, 'millstone').

v., to pulverize (in a mortar); to destroy; to make groats.

adj., ground, milled, crushed, pulverized.

$ḫara_5$: spout; vessel with a large spout (ḫa, precative prefix, + ra, 'to branch out from the side of').

ḫir[KEŠDA]: n., produce, yield (abundance + to go out + to flow).

v., to squeeze, tighten (cf., $giri_{11}$).

ḫur, ur_5[ḪAR]: n., hole; limb, stem, handle (ḫù, ten, + ra, 'to impress into clay', where a round hole was the symbol for 10).

v., to scratch, draw, sketch, inscribe, outline; to grind; to dig (many small explosive sounds + ùr, 'to drag').

kar: n., embankment; quay-wall; mooring-place; harbor; marketplace; port authority (place + water + to flow, send, take, drive away; cf., kur_9, 'entrance') [KAR archaic frequency: 7].

v., to take away; to steal; to raid, capture, pillage; to escape, run away; to avoid.

kára, kár, $guru_6$: to encircle, besiege; to impute, accuse; to shine, illuminate; to be bright (of light, day) (reduplication class) (sometimes written for kúr) (place + ur, 'to surround' + a, nominative ending, and ara_4, 'to shine') [? KAR_2 archaic frequency: 68; concatenates 2 sign variants].

kàr: (cf., gàr).

kir: (cf., gir).

kír: a large vessel; beer keg (ki, 'place', + $ir_{(2)}$, 'fluid secretion'; cf., gir, kir, 'cow or mare').

kìr[LAGAB]: to nip off (clay) (ki, 'earth', + ur_4, 'to shear, reap'; cf., kud, kur_5; and $kid_{2,7}$, 'to pinch off').

$kiri_{3,4}$, kir_4, $giri_{17}$: nose; muzzle (of an animal); hyena (cf., $kir_{6,4}$) (ki, 'place', + ir, 'smell').

$kir_{6,4}$: stream dam, weir (cf. also, $kiri_{3,4}$) (ki, 'place', + $ir_{(2)}$, 'fluid secretion'/ra, 'to flood').

^ĝiš^$kiri_6$: orchard, garden, palm grove (ki, 'place', + ru_5, 'to send forth shoots, buds, or blossoms').

kir_{11}[MÍ.$SILA_4$]: female lamb [KIR_{11} archaic frequency: 3].

kir_{13}: (cf., gir_4).

kur: n., mountain; highland; (foreign) land; the netherworld (ki, 'place', + ùr, 'roof, mountain pass'/úr, 'root, base') [KUR archaic frequency: 145; concatenates 3 sign variants].

v., to reach, attain; to kindle; to rise (sun).

kúr[PAB]: n., stranger; enemy; hostility (from kur, 'mountains, foreign land').

v., to be different; to change; to break a seal (often with -da-) (kúr-re in *marû*).

adj., strange, alien; hostile; in the future.

kùr: (cf., gur).

kur_4: (cf., gur_4).

$kuru_5$, kur_5: (cf., kud).

kur_6: (cf., $kurum_6$).

$kuru_7$, kur_7: (cf., $kurum_7$).

kur_9, ku_4: n., entrance (ki, 'place', + ùr, 'entrance').

v., to enter; to bring; to deliver (-ni- specifies delivery location); to enter before someone (with dative prefix); to let enter (with -ni-); enter into the presence of (with -ši-); to turn round, turn into, transform (with -da-) (singular [?] reduplication class stem; cf., sun_5) .

liru, liri: (cf., lirum).

^(ĝiš/urudu)^mar, $ĝar_7$: n., wagon; winnowing shovel; spoon ($ma_{(3)}$; ĝá, 'to go', + flowing motion; Akk. *marru* "shovel; spade"; Orel & Stolbova #1738 ***mar-** 'hoe') [MAR archaic frequency: 117; concatenates 2 sign variants].

v., to sow, scatter; to coat, apply; to don; to immerse; to enclose, lock up.

mar; mur: worm; earthworm.

$mer_{(2)}$, $mir_{(2)}$; gùr: n., storm wind; violent storm; north(wind); anger; belt, waistband; an encircling snake (var. of gùr) ($me_{3,6,7,9}$, 'battle', + to flow / circle + ur, 'to surround') [MER archaic frequency: 48; concatenates 2 sign variants].

v., to blow fiercely; to get angry.

adj., fierce, angry, furious.

mur, ur_5 [ḪAR]: n., lungs; liver; fodder for fattening; lattice, grate (mu_7, 'to shout'/mud_6, mú, 'to sing; to blow' + úr, 'root, base').

v., to surround; to guard; to shout; to grind, mill.

demonstrative, thus; so; in this way.

$mur_{7,8}$: (cf., murgu).

mur_{10}, mu_4: to clothe; to dress oneself (reduplication class [?]) (mu_{10}, 'woman', + ur, 'to surround').

$muru_5$[MÍ.U_4.RU_6 = SAL.UD.EDIN]: brother-in-law (mu_{10}, 'woman', + rù, 'equal in rank').

$muru_9$: fog, mist, haze (mi, 'to be dark', + to flow).

$muru_x$ [GI.KID.MAḪ]: reed mat.

nar: singer; musician (loan from Akkadian *naaru* II, "musician", which derives from Akk. *naaru* I, "river" in the same way that Sumerian nab means both "ocean" and "musician") [NAR archaic frequency: 69].

nir, ner: n., frog; omen.

adj., proper.

nir: n., prince, lord [NIR archaic frequency: 45; concatenates 2 sign variants].

v., to stretch, reach, extend; to raise high; to winnow, clean grain; to overcome, vanquish (to be high + to go out + to flow).

adj., victorious.

^{na4}nír[ZA.GÍN]: a precious stone with black and white flecks.

$par_{3/4}$: (cf., bàra).

sar, šar: n., vegetable(s) [SAR archaic frequency: 102; concatenates 3 sign variants].

v., to insert, enter; to begin; to write; to pay, deliver punctually; to disturb someone; to drive (with -ni-); to drive, chase away (with -ta-); to make hurry, run (to be skilled, precise + flowing motion; for 'to drive away', cf., ús, 'to follow, drive', but meaning probably derives from the act of chasing vermin from the vegetable garden, cf., kar for such a progression from the noun to the verb).

adj., driven out, pursued.

sar, šar: a surface measure, 'garden plot' = 1 square ninda = 60 surface shekels = 1/100 iku = 4 square reeds = 144 square cubits = 36 $meters^2$; a volume measure of one square ninda times 1 kùš = 144 $kùš^3$ = ca. 18 cubic meters = 1,0 gur [= 60 gur] of capacity = 1,0 gín in weight.

sár: (cf., šár).

sír: n., density.

adj., dense; weak, feverish (si; su; sa; sa_5, 'to be full; to grow weak', + $ir_{(10)}$, 'sweat').

sir_5; sur: (cf., $zara_5$).

sur: n., a garden plant; rushes; chaff, chopped straw [? SUR archaic frequency: 6].

v., to delimit, bound, divide (reduplication class ?)(cf., šur) (si, 'long and narrow', + ur, 'to surround'; cf., sila, sil; síl, zil; si-il, 'to cut into, divide').

súr: (cf., sumur).

sùr: ditch; deep furrow; drain (to fill, inundate + to flow; contrast sug, 'flood basin').

$suru_5$, sur_5: to hang, suspend; to hover; to wear (cf., $sur_{6,7}$).

$sur_{6,7}$: height; depth; foundation pit (ús, uš, 'height; foundation; to support, lift', + $uru_{2,5,18}$, 'high, deep').

sur$_8$: (cf., zar).

sur$_{12}$: (cf., sug$_8$).

šar: (cf., sar, šar).

šár, sár: n., totality, all; world; horizon; ball, counter, token; the number 3600 = 60^2 (many, much + àr, 'ring, coil').

v., to be many; to multiply or mix (with -da-); to make abundant; to slaughter; to request, implore (reduplication class).

adj., numerous; innumerable.

lúšár: a military officer = commander of 3600.

šar$_8$ [NI]: to interpret, explain.

šér, šír: to shine brightly (cf., sír) (Akkadian loan from *šaraapu(m)*, 'to burn').

šèr, šìr: n., decision.

v., to bind; to decide (éše, 'rope', + ur, 'to surround').

šir, sir$_4$: testicles (many + to go out + to flow; cf., ḫir, nir, and g̃iš$_{2,3}$) [ŠIR archaic frequency: 24; concatenates 2 sign variants].

šìr[EZEN]; šur: n., song; lament (Orel & Stolbova #2258 ***sir-/*sur** 'sing').

v., to sing.

šìr: (cf., šèr).

šur, sur: to rain; to produce a liquid; to flow, drip; to extract seed oil; to process wine and juices; to press (out); to spray out; to brew (beer); to submerge; to flash, gleam (šu, 'to pour' + to flow; cf., šeg̃$_{3,7}$).

šúr: (cf., sumur).

tar: v., to cut; to decide; to determine; to inquire; to smoke; to break, destroy (ta, 'from', + ur$_4$, 'to shear, reap'; cf., dar and nam...tar) [TAR archaic frequency: 56; concatenates 2 sign variants].

adj., deliberate, judicious.

tir: forest, grove, thicket (ti, 'arrows' + ùr, 'beams, rafters'; early example of asyndetic hendiadys).

tur: n., child; young (of herd animals); second in rank (tu, 'to be born', + ùru, 'to watch, guard, protect') [TUR archaic frequency: 272].

v., to be/make small; to be insufficient; to reduce.

adj., small, little, young.

tùr; tur$_5$: birth-hut; byre; sheepfold, pen; stable; a frequent metaphor for a temple, sanctuary (cf., tur) [TUR$_3$ archaic frequency: 121; concatenates 3 sign variants].

tur$_5$, tu: n., newborn; weakness; sickness.

v., to be or become sick.

adj., weak; sick.

zar, zur$_4$, sur$_8$: to tap, pour; to spout, flow; to exude; to spin (a cocoon) (cf. the graphically similar sign, sug$_8$) (repetitive motion + to flow) [? ZAR archaic frequency: 15; concatenates 4 sign variants].

$^{(\tilde{g}iš)}$zar: wagon shaft (cf., za-ra) (Akkadian loanword from *,serru(m) II*).

zàr[SUM]; zar[LAGAB×SUM]: sheaf, sheaves (rolled up and bound stalks and ears, cf., $zara_5$ and zar).

$zara_5$, zar_5; sir_5; sur: to spin, twine (yarn or thread); to roll up (repetitive motion + to flow).

zur: n., offering, sacrifice; prayer (repetitive activity + to flow/protect).

v., to furnish, provide; to rock (an infant); to arrange, tend; to offer; to pray.

dusu: transportation basket, used in working at the lower levels in excavating a canal; corvée (du, 'to walk', + si;su, 'to fill up').

dúsu [ANŠE.LIBIR]: an ass or equid used as a draft animal in front of plows and wagons (du, 'to walk', + usu, 'strength').

kas_7, ka_9: deduction; settlement of accounts; possession (back-formation from níĝ-kas_7/ka_9).

kisi: chamber pot (kàš, 'urine', + si_{14}, 'a small pot').

mes, mèš: young man; prince; son; hackberry tree in the elm family (me, 'endowment', + usu, 'strength'; Akkadian loanword - *meesu I*, 'hackberry tree'; cf., Orel & Stolbova #1766 ***mi'es-** 'tree') [MES archaic frequency: 32].

nisi, nissa: (cf., nisig).

sisi (ANŠE.KUR.RA): horse (reduplicated si, 'to stand upright').

šes: (cf., šeš).

$diš_{(2)}$, deš: one (dili, 'single', + aš, 'one'; the form resembles that of the semantically appropriate male body part, $\tilde{g}iš_{2,3}$, $\tilde{g}eš_{2,3}$; cf., mina, $min_{(5,6)}$, 'two').

ĝiš, ĝeš: n., tree; wood; wooden implement; scepter; tool; organ; plow; natural phenomenon (describes a trunk that goes out into many branches and leaves) [GIŠ archaic frequency: 381].

adj., describes an animal assigned to the plow (sometimes ĝiš-šè).

$\tilde{g}iš_{2,3}$, $\tilde{g}eš_{2,3}$, uš: penis; man (self + to go out + many; cf., $nitaḫ_{(2)}$ and šir) [$GIŠ_3$ archaic frequency: 16; concatenation of 2 sign variants; UŠ archaic frequency: 101; concatenates 2 sign variants].

$\tilde{g}eš_{2,3,4}$, $\tilde{g}iš_{2,3}$: (cf., ĝešta).

ḫaš: (cf., ḫaz).

ḫáš; $ḫaš_4$: lower abdomen; loins; back; thigh (numerous + foundation, base).

$ḫeš_5$: (cf., šaĝa).

ḫuš: v., to be angry (compare guz, ḫuz).

adj., furious, terrible, awesome; wild (said of animals); fiery red (Akk. *ruššû*).

kaš, kás: beer; alcoholic beverage (ka, 'mouth', + áš, 'to desire') [KAŠ archaic frequency: 261; concatenates 4 sign variants].

kàš: urine (an etymology involving $še_{10}$, 'excrement', would have to be forced so much, that the homophone kaš, 'beer', with its similar appearance, probably replaced the use of a, 'water', to mean 'urine' at some point).

kaš$_4$, kas$_4$: n., speed; runner, courier, messenger; nonresident, noncitizen, tourist (place(s) + locative + many) [KAS$_4$ archaic frequency: 1].

v., to run fast; to gallop; to travel fast.

adj., quick; fluent.

kéš: (cf., kešda).

kiš, keš: totality, entire political world (name of the powerful city in the north of Sumer that first bound together and defended the cities of Sumer) (places + many) [? KIŠ archaic frequency: 46].

$^{\tilde{g}iš}$kiša$_{(2)}$, kiši$_{16/17}$: (cf., kišik$_{(2)}$).

kiši$_4$: half; forelock (sign of a freeman; contrast gàr, kàr) (ki, 'place', + šè, 'portion').

kiši$_{7,8,9}$: (cf., kišib$_{7,8,9}$).

kuš, kus[SU]: skin, hide, leather (ku$_5$, 'to cut', + ús, 'to be joined, next to'/šè, terminative suffix/šú, 'to cover').

kúš: to be tired; to be out of breath; to worry; to calm (kúš-(ù) in *marû*) (aka, 'to do, act', + úš, 'dead').

kùš: ell/cubit = 1/2 meter = 30 fingers [šu-si] = distance from elbow to fingertips; forearm; channel (cf., šu-da) (ku, 'to base, found, build', + many).

kuš$_6$: (cf., kuruš).

kuš$_7$: devastation, destruction; groom, valet, esquire, body-servant, boy (ki, 'place', + úš, 'to kill').

kušu: (cf., kušum$_x$).

kúšu: turtle (cf., ŠIM×KÚŠU, where 'whale' must be meant) (ku$_6$, 'fish', + šú, 'to cover') [? UḪ$_3$ archaic frequency: 14; concatenates 2 sign variants].

liš: morsel (happiness + small + šè, 'portion') [LIŠ archaic frequency: 4].

maš: one-half; twin (ma$_4$, 'to leave, depart, go out', + šè, 'portion') [MAŠ archaic frequency: 133].

maš; máš: interest (of a loan); rent; profit; produce, yield (of a field) (ma$_4$, 'to leave, depart, go out', + šè, 'portion') [MAŠ archaic frequency: 133].

máš; maš: kid; he-goat [MAŠ$_2$ archaic frequency: 60].

máš: n., extispicy (divination based on the entrails of a sacrificed animal); sacrificial animal [MAŠ$_2$ archaic frequency: 60].

v., to scrutinize, inspect.

mèš: (cf., mes).

muš: n., snake; reptile (eme, 'tongue'/ma$_4$, 'to leave, depart, go out', + úš, 'to kill'/uš$_{11}$, 'venom, poison') [MUŠ archaic frequency: 3; BU: archaic frequency: 393; concatenation of 2 sign variants].

adj., bitter.

muš$_{2,3}$: n., face, appearance, aspect; diadem; a city's irrigated, cultivated territory; surface (mu$_{10}$, 'female', + áš, 'to desire') [MUŠ$_3$ archaic frequency: 284; concatenates 2 sign variants].

v., to glisten, shine.

muš$_4$: a biting insect (cf., the etymology of muš, 'snake').

muš$_5$[ŠEŠ]: bitter (eme, 'tongue', + ú, 'plant', + eš, 'to anoint'; cf., šeš).

niš, neš: twenty (ní, 'self, body', + aš, 'one [finger, toe]').

peš: n., womb; palm frond; three [GIR archaic frequency: 28; concatenation of 4 sign variants] (moist container + ùš, 'placental membrane'; pa, 'leaf, branch', + eš, 'many, much'; eš$_{5,6,16,21}$, 'three').

v., to expand; to be thick, wide.

adj., precious, valuable.

peš$_{(7)}$: child; son.

péš, píš: a type of edible mouse (probably derives from pèš, 'fig').

^{ĝiš}pèš: fig; fig tree (moist container + šè, 'portion').

peš$_{4,13}$: n., river pebble.

v., to be pregnant; to conceive.

peš$_{5,6}$: n., deep breathing; scent; spider; combed wool, fluff (cf., aš$_{(5)}$, 'spider').

v., to breathe deeply; to make an incision; to pluck apart; to comb and clean wool.

piš$_{10}$, peš$_{10}$; peš$_x$(KI.A): shore, river bank.

púš: pain; tightness; difficult circumstances (derives from peš$_4$, 'to be pregnant').

suš: to sit down; to reside (su, 'body, relatives', + uš$_8$, 'foundation place, base'; cf., tuš).

suš$_{2,3}$: to rub, anoint (with oil) (su, 'body', + eš, 'to anoint').

šeš, šes: brother; brethren; colleague [URI$_3$=ZATU-595 archaic frequency: 77; concatenates 2 sign variants].

šeš, ses: n., myrrh (reduplicated eš, 'to anoint').

v., to taste bitter.

adj., bitter, brackish.

šeš$_{(2,4)}$: to anoint; to rub; to erase; to be dense (reduplication class) (reduplicated eš, 'to anoint') [ERIN=ŠEŠ$_4$ archaic frequency: 105].

šeš$_{2,3,4}$: to weep, cry; to mourn; to wail (reduplication class) (to become moist ?).

šuš$_{(2)}$, šu$_{2,4}$: to overthrow; to throw down; to go down; to set, become dark, be overcast (said of the sun); to cover (with -da-) (reduplication class) (reduplicated šu, 'hand'; cf., šub) [ŠUŠ$_2$ archaic frequency: 243].

šuš$_4$: to fell trees; to chop away (reduplicated šu, 'hand').

šuš$_{5,6}$, šu$_{5,6}$: bedding, litter, feed, fodder (scattered for animals) (reduplicated uš, 'to stand upon').

téš[UR]: n., sexuality, sex; shame, modesty; all kinds, all sorts; each of them (te, 'to approach', + áš, 'to desire'; cf., ašte).

v., to feel ashamed.

adv., together (often with suffix -bi, -ba or -e).

tuš: n., home (te, 'to approach', + uš$_8$, 'foundation place, base').

v. sing., to (cause to) dwell, reside; to be at home; to settle; to set up, establish; to sit; to lie down (singular; cf. plural, duruna).

nita: (cf., nitaḫ).

šita, èšda: clean; bathed; a priest (eš, 'to anoint', + ta, dá, 'by means of'/dé, 'to pour, water') [ŠITA archaic frequency: 373; concatenates 7 sign variants].

(ĝiš)šíta, ešda: mace (úš, 'to kill', + ta, dá, 'by means of') [EŠDA archaic frequency: 26].

šìta: channel, small canal (šè, 'portion' + ída, íd, i_7, 'main canal') [$ŠITA_3$ archaic frequency: 139; concatenation of 2 sign variants].

$šita_{(4)}$, èšda; $šid_{3,4,5}$: n., band; bond, tie (šè, 'portion', + te, 'to approach'; cf., ašte, téš).

v., to bind; to be together; to join, link with; to couple.

adj., bound, intact.

$šita_5$, šit, šid, šed: n., measure; number (šè, 'portion', + ta, dá, 'nature, character').

v., to count; to consider; to calculate, figure out; to memorize; to recite; to read aloud.

$šita_6$: a type of vessel.

biz; bi(z): n., tears (Akk. loanword from *bi,s,su*, 'flow of tears' and *ba,saa,su*, 'to (let) drip', cf., Orel & Stolbova #256 ***baz-** 'flow, be wet').

v., to drip, trickle; to cry; to ooze; to pour; to rinse off; to impute, accuse; to push someone away; to dry (cf., bi-bi-zé).

$gaz_{(2)}$: n., powder; break, fracture; war (chamber + repetitive motion; cf., [ĝiš]$naĝa_{3,4}$, $naĝ_x$[GAZ, KUM]).

v., to crush; to kill, slaughter (with -da-); to vanquish, defeat.

gazi: a spice - cassia, used on meat ('let it breathe'; Akk. *kasû II)* [GAZI archaic frequency: 14].

guz, ḫuz[LUM] v., to gnash the teeth; to bare the teeth; to rage at; to cut, trim, clip; to castrate (reduplication class: ḫu-ḫu-uz) (gù, 'noise', + zú, 'teeth').

adj., long, shaggy (hair).

ḫaz, ḫaš: to break or cut off (twigs, branches); to thresh grain (ḫá, 'numerous', + zé, 'to cut, pluck').

nuz, nus: egg (na_4, 'pebble', + uz/us, 'goose', cf. also, nunuz).

meze: a type of drum (function + repetitive noise).

ziz: moth (Akk. loanword from *saasu*, 'moth' and *ašaašu*, 'moth', cf., Orel & Stolbova #1034 ***'açuç-** 'insect').

zíz[ÁŠ]: emmer (wheat) (reduplicated zé or zi).

zìz: a crop-devouring insect (see etymology for ziz).

$abgal_{(2)}$: sage, wise man, wizard (abba, 'elder', + gal, 'great') [ABGAL archaic frequency: 31].

$ablal_{(3)}$: bird niche, nest (ab, 'niche, nook', + lal, 'to be high; to hang').

abrig: a purification priest (a, 'water', + barag, 'ruler; throne') [ABRIG archaic frequency: 9].

$absin_{(3)}$: (seeded) furrow (ab, 'niche', + sín, 'to sift').

abul [KÁ.GAL]: city gate (loanword from Semitic for 'door', Orel & Stolbova, *Hamito-Semitic Etymological Dictionary* (1995), #287).

abzu: the 'sentient' sea - the sea personified as a god (aba/ab, 'sea' + zu, 'to know') [ABZU archaic frequency: 28].

adamen$_{(2,3)}$: argument; fight.

addir [A.PA.G̃ISAL.PAD.DIRIG]: ferry; bridge (ída/íd, 'river', + dirig/dir, 'to go over').

addir$_x$: wages.

agam: swamp (a, 'water', + gam, 'to decline, incline').

ágan, akan: (cf., akani).

agar$_{(2,3)}$, ugar: field; commons [AGAR$_2$ archaic frequency: 16].

agargara^{ku6} [NUN*tenû*]: a fish.

agarin$_{(2,3)}$: father; mother; womb.

agarin$_{4,5}$: beer-wort; crucible, vat.

agrun: inner sanctuary [ZATU-413 archaic frequency: 4].

ag̃ar$_x$ [IM×IM; IM.DUGUD]: heavy rain shower, cloudburst (a, 'water', + g̃ar, 'to accumulate; to deposit').

ag̃rig: steward, superintendent (ág̃a, 'to measure; to check', + rig$_7$, 'to deed, grant').

aḫḫur$_{(2,3)}$, uḫḫur$_{(2,3)}$: (cf., imḫur).

akani, akan: udder.

ákan, aka$_4$ [KÁ]: door-frame, lintel.

akar: leather armor.

akkil: lamentation, ritual wailing.

alad: a life force; a male protective spirit.

alag̃, alan, alam, ál: image, statue; figure, appearance [ALAN archaic frequency: 51; concatenates 6 sign variants].

alal: pipe, conduit, gutter; pipe for making libation offerings to the deceased (a, 'water', + lal, 'lift, carry').

alam: (cf., alag̃).

alan: (cf., alag̃).

alim: wild ram; bison; aurochs; powerful [ALIM=ZATU-219 [GIR$_3$] sign per P. Steinkeller, archaic frequency: 73; concatenation of 3 sign variants].

allal$_x$, alla: net, seine; crab.

amagi$_{(2,3)}$, mabi$_{(2,3)}$: ice.

amar: calf; young animal (áma, 'wild cow mother', + re$_7$, 'to accompany, plural') [AMAR archaic frequency: 297].

amaš: sheepfold, cattle-pen (é, 'house', + maš, 'goat').

ambar, abbar: marsh; reeds, canebrake (imi/im, 'clay, mud', + bar, 'to obtain').

anše: male donkey; onager; equid; pack animal (an, 'sky; high', + šè, terminative postposition = 'up to' = 'to raise up, carry') [ANŠE archaic frequency: 48; concatenates 4 sign variants;? KIŠ archaic frequency: 46].

anzalub: reed pulp.

anzud(2), anzu(2)-(d) [dIM.MI/DUGUDmušen]: a mythical giant bird; vulture, eagle [$ANZU_2$ archaic frequency: 1].

ğišapin: n., seeder plow (a, 'seed', + bun, 'to blow') [APIN archaic frequency: 181; concatenates 3 sign variants].

adj., describes a plow animal (also apin-šè).

arad(2), urdu(2), $ir_{3,11}$: (male) slave; servant; subordinate (Akk. loanword from *wardum*, 'male slave, man-servant') [IR_{11} archaic frequency: 10].

$araḫ_4$[É.UŠ.GÍD.DA]: storehouse.

arala, arali: the netherworld (ḫara/àra, 'to pulverize', + la, 'youthful freshness and beauty').

arḫuš: n., womb; compassion, pity (úr, 'base; root', + ḫáš, 'lower abdomen').

v., to be sympathetic.

ğišásal, ásar: Euphrates poplar tree [$ASAL_2$ archaic frequency: 16].

asil(3,4,5): (cf., asilal(3,4,5)).

asila: (cf., asilal).

asilal(3,4,5): joy, gladness.

ašag, $aša_5$ [GANÁ]: field, plot (cf., a-šà-(g)).

ašgab: leather-dresser, currier (kuš, 'leather', + gúb, 'to cleanse').

(ú)aški: bulrush (*Typha grass*; cf, únúmun) (éš, 'rope', + kid(6), 'to weave a reed mat').

aškud: wedge (as a device to bar a door); ramp (?).

ašlag: (cf., lúazlag).

ašte: need; necessity; desirable or beloved object (áš, 'to desire', + te, 'to approach'; cf., téš).

azag: taboo.

lúazlag(2,3,4,5,6), ašlag: fuller, felt-worker; launderer (a, 'water', + zalag, 'to cleanse').

babbar(2): bright; white; the rising sun (reduplicated bar_6, 'bright, white') [UD archaic frequency: 419].

báḫar: potter [$BAḪAR_2$ archaic frequency: 50; concatenates 3 sign variants].

balağ: lyre (?); drum (?); funeral song [? BALAG archaic frequency: 20].

$banda_{2,4,5}$: prop, support.

bànda(da): young; junior; vigorous; impetuous; fierce; proud.

ğišbanšur(2,3): table; container [? BANŠUR archaic frequency: 7; concatenates 5 sign variants].

bappir$_{(2/3)}$: beer bread (a sweet and possibly pungent bread made from barley dough - mixed with malt [munu$_4$] to make mash [titab] for beer); brewer [BAPPIR archaic frequency: 28; concatenates 6 sign variants].

barag, bára, bár; bara$_{5,6}$: throne dais; king, ruler; cult platform; stand, support; crate, box; sack; chamber, dwelling (container plus ra(g), 'to pack') [? BARA$_2$ archaic frequency: 69; concatenates 2 sign variants; ? ZATU-764 archaic frequency 21].

bárag, bàra, bàr [DAG]: nest [BARA$_3$ archaic frequency: 13].

bariga [PI or UL(in Old Sumerian period)]: a measure of capacity - 36 sìla in the Old Sumerian period and 60 sìla in the Old Akkadian and Neo-Sumerian periods. Equals 6 bán. (bán-rig-a, 'the bán from picking, gleaning').

barzil (AN.BAR): (meteoric) iron (bar$_6$, 'to shine', + zil, 'to cut, peel').

bibad[UZ.TUR]^{mušen}: duck.

billuda, biluda[PA.AN]: worship, cult, rite; ordinance.

^{ĝiš}bugin: basket; trough.

buĝiĝ$_x$, búgin: basket (for carrying food) (cf., buniĝ).

bulug: shoot, sprout; barley malt; needle; awl; drill; seal pin; boundary post; border (bul, 'to sprout', + aka/ag, 'to do') [BULUG archaic frequency: 4].

bùluĝ: n., pupil, novice; foster child [BULUG$_3$ archaic frequency: 19].

v., to grow; to grow big; to rear, make grow.

buluḫ: to worry; to be nervous, frightened; to hasten, hurry; fright.

buniĝ$_x$, puniĝ$_x$, bunin: bitumen-coated reed container (for carrying liquids), vat, tub (bún/buĝ$_x$, 'blister; to be swollen', + níĝ, 'valuables').

buranun: Euphrates river (bu$_5$, 'to rush around', + ra, 'to flood, overflow', + nun, 'great, noble').

buzur$_{(2,4,5)}$, puzur$_{(2,4,5)}$: safety, security; secret, mystery; a merchandise tax.

bùzur: hand, palm.

dabin [ZÌ.ŠE]: coarse (?) barley flour.

dadag [UD.UD]: v., to clean, clear (reduplicated dág, 'brilliant, clean').

adj., brilliant; pure; sacred.

dagrim: fields, vicinity, precinct (cf., ĝarim) (dag, 'resting place', + rim$_4$, 'to run fast'; cf., bar-rim$_4$).

daĝal: n., width, breadth (da, 'side', + gal/ĝal, 'big') [AMA archaic frequency: 241; concatenates 2 sign variants].

v., to widen, enlarge; .

adj., wide, broad; copious.

dakkan, daggan: harem, living quarters, chamber (dag, 'dwelling', + gan, 'to bear').

dalḫamun: tornado; violent storm; duststorm; whirlpool; riot, revolt (dal, 'to fly', + ḫa-mun, 'mutually opposing or contrasting').

dalḫamun$_4$: confusion, disorder.

danna, dana: road-length measure, 'march' = 30 UŠ = 21600 cubits = ca. 6.7 miles/10.8 kilometers; double hour (twelfth part of a full day) = the time it takes to march a length of 1 danna (Akkadian etymology from 'place of strength or safety') [DANNA archaic frequency: 2].

didila: very small, young.

didli: assorted, various; separate, individual, single (reduplicated dili).

diğir, dingir: god, deity; determinative for divine beings (di, 'decision', + ğar, 'to deliver').

dìlib: hair, locks (cf., dalla, 'beam, ray', dálla, 'needle', and dul; dal, 'to cover, clothe, hide').

dílim, dél: spoon (dal, 'to fly, remove', + eme, 'tongue').

dìlim[BUN]: funnel-shaped bowl containing seeds for the drill plow.

dilmun[ki]: the island of Bahrain, noted for its sweet water springs (cf., tilmun) [DILMUN archaic frequency: 35].

dimgul: mast (dim, 'to bond, tie', + gul, 'enormous').

dinig[KI.NE]: potash; salt; crucible, kiln, brazier; air vent (dè, 'ashes', + nağa, 'potash').

dirig, diri, dir [SI.A]: n., addition; excess; overdraft; trouble; amount by which credits of an account tablet exceed debits - appears in the credits section of the succeeding period's account tablet; intercalary month after either 11th month or 12th month (based as much on whether the winter crop will be ready for the harvest month as on the need to reconcile the lunar year with the solar year, which required an average of 7 intercalary months in 19 years) (cf., [(gi)]ušub).

v., to go over; to float (with the current); to exceed, stand out; to be extra; to be darkened, eclipsed; to be erased; to be greater than, to surpass, to be supreme over (with dative/locative).

adj., superior, outstanding; surplus; superfluous; additional.

[ğiš]dubšik[ÍL], dupsik: basket.

dubur$_{(2)}$: testicles (dub, 'to store; to pour', + ir$_{(2)}$, 'tears or any bodily secretion').

dugud: n., weight; cloud [DUGUD archaic frequency: 2].

adj., massive; heavy; difficult, hard (du$_7$, 'complete', + gud, 'bull').

[IM]dungu: cloud, cloudbank.

duraḫ, dàra, dàr: mountain goat buck; ibex (dur, 'bond, tie', + áḫi, 'arm') [DARA$_3$ archaic frequency: 11; concatenation of 4 sign variants].

durun: (cf., duruna).

duruna, durun, dúru, dúr; durun$_x$ [DÚR.DÚR]: n., buttocks; anus; dwelling [DUR$_2$ archaic frequency: 52].

v. plural, to sit; to be seated; to break wind; to dry out; to occupy, dwell; to set down, place (objects) (plural, cf., singular tuš) (èd, 'to bring down (or up); to exit, drain' + úr, 'root, lap, thighs', + ùğa/un, 'people').

dúruna, dilina, dìlim: oven for baking and roasting.

ebir$_{(2)}$, epir$_{(2)}$: small pot; beer mug.

ebla: a watery type of beer - 'light beer' (íb, 'waist', + lal/lá, 'to lessen').

edakua$_{(2)}$: fish bones (adda, 'skeleton', + ku$_6$/kua, 'fish').

edim$_x$, edin: earthenware vat for oil and fats.

edin, eden: n., steppe, plain; grazing land between the two long rivers; back, spine (éd, 'to send forth', + in, 'straw') [EDIN archaic frequency: 5].

prep., on; against.

egir$_{2,3}$, egi$_{(2)}$: princess.

eĝar, iĝar: brick wall (é, 'house', + ĝar, 'to deposit'/ĝar$_8$, 'to mortar bricks').

eĝir, eĝer: n., back; stern (of a ship); end; limit; future; inheritance.

prep., behind.

adv., afterwards.

elamkuš$_{(2,3,4)}$: bladder (éllaĝ, 'kidneys', + kuš, 'skin').

ellaĝ [LAGAB]: hoop or wooden ball ?; driving stick ?; bow ?; block of wood; a number word.

éllaĝ: kidneys.

emedu$_{(2)}$: house/estate-born slave (eme, 'mammy', + tud/dú, 'to be born').

émeš: summer.

endub, endib: cook (en, 'lord', + dub, 'to move in a circle, shake') [ENDIB archaic frequency: 6].

engar: irrigator, farmer (en, 'lord', + agar, 'field'; Akk. *'ikkar* from Semitic "to hoe, cultivate").

engiz [ME.EN.GI]: cook (en, 'lord', + gaz, 'to fracture, crush, slaughter') [ENGIZ archaic frequency: 22].

engur: subsoil water; abyssal sea of fresh water (a, 'water', + naĝ, 'to drink', + úr, 'floor; root'; cf., an-gur$_4$).

^{ĝiš}enkara: a weapon.

enku: fishing overseer (en, 'lord', + ku$_6$/kua, 'fish'; same signs (ZAG.ḪA) as eššad).

enku$_x$ [ZAG-ḪI-A]: tax assessment official.

enkum: temple treasurer; guardian deity of the foundations [ENKUM archaic frequency: 14].

enmen, emmen, immen, immin, emma, imma: thirst (en, 'time', + mun, 'salt').

énmen, émmen, ímmen, ímmin, émma, ímma: to drink beer.

ensi$_{(3)}$: dream interpreter (en, 'enigmatic background' + sig$_7$, 'to dwell; to complete' ?) [ENSI archaic frequency: 8].

énsi(-k): city ruler (Old Sumerian); city governor (post-Sargonic) (en, 'lord, manager', + si, 'plowland', + genitive; cf., nísaĝ, 'governor') [ENSI$_2$ archaic frequency: 1].

enten(a): winter (en, 'time', + ten, 'cold', + a(k), 'of').

ereš, erež ?[NIN]: queen, lady.

ereš$_5$[GAL-AN-ZU]: knowing, intelligent.

erib: daughter-in-law.

erim, érin, éren: man, servant, soldier; troops, army; gang of workers; people, folk [ERIM archaic frequency: 175; concatenation of 3 sign variants].

érim, $erin_7$, $rim_{(3)}$: n., enemy; destruction [$ERIM_2$ archaic frequency: 20].

adj., hostile; evil.

$erim_{3,4,5}$: treasury, storehouse; treasures.

(ĝiš šim)erin, eren: cedar; to anoint with cedar-oil [ERIN archaic frequency: 105].

érin, rín: balance scale (cf., erim).

$erum_{2,3}$, $eru_{2,3}$: slavegirl.

esaĝ: heir son (a/e_4, 'seed, offspring', + saĝ, 'first, prime').

ésaĝ[ĜÁ×ŠE]; $esaĝ_x$[É×ŠE; É.ŠE; É.SAĜ]: granary, storeroom (é, 'house, temple', + saĝ, 'first, prime').

(na4)esig, esi: good, fine; solid, strong; ebony; diorite; olivine-gabbro.

$esir_{(2)}$: crude bitumen (usu, 'strength' or esi, 'strong', + $ir_{(2)}$, 'liquid secretion').

kušèsir: sandal; shoe.

ešda: (cf., šíta).

èšda: (cf., šita).

$ešemen_{(2,3)}$: jump rope; play; celebration (éše, 'rope', + men, 'both, two').

ešgar: (cf., zeḫ) [? EŠGAR archaic frequency: 12].

eškiri, ešgiri: nose rope, halter, bridle; jumping rope (éše, 'rope', + kìri, 'nose, muzzle').

eššad: fisherman (éše, 'rope', + sud, 'to immerse, sink'; same signs (ZAG.ḪA) as enku).

eštub^{ku6}: a river carp: *binnî*.

ezem: (cf., ezen).

ezen, ezem: festival, feast (uzu, 'cut of meat', + en, 'time') [EZEN archaic frequency: 114; concatenation of 3 sign variants].

ezinu: grain, cereal; the deity Ašnan [EZINU archaic frequency: 24; concatenation of 4 sign variants].

gagar [KI]: area.

gagig: to lament; to wail (gù, 'to exclaim', + gig, 'illness; injury').

gakkul: clay brewing-vessel, mash tun.

galam: n., stairs.

v., to ascend, climb.

adj., ingenious, clever, artistic, complicated, elaborate; tall, high.

gamar: to be overwhelming (gam, 'to kneel', + mer, 'violent storm').

gamun: cumin; caraway seed.

$ganam_4$, $gana_4$: (cf., us_5, u_8).

$ganam_6$, $gana_6$ [$DARA_4$]: ewe.

ganba: marketplace; price equivalent.

$ganzer_{(2,3)}$: darkness; the netherworld (cf., ga-an-zír).

$garadin_{(4,5)}$, $karadin_{(4,5)}$: shock, pile of sheaves (on a harvested field) ($guru_7$, 'grain heap', + $tun_{(3)}$, 'to constrict').

garaš: straw; supply master.

gáraš, karaš: military encampment; catastrophe.

gàraš^{sar}: leek(s).

$garaš_{3,4}$: decision; oracle.

gašam: craftsman, artisan; skilled person; job, work; office holder; wisdom.

gašan: lady, mistress; queen (cf., ga-ša-an) (Emesal dialect word, in which nin becomes šan).

gaššu: intelligent.

gazinbu, gazimbi, gazibu: pole; stake; beam.

$gibil_{(4)}$: new; fresh; renewal; to renovate (gúb, 'to purify, cleanse', + ul, 'to shine') [GIBIL archaic frequency: 77].

gíbil: to burn; burning (gu_7, 'to consume', + bil, 'to burn').

$gidim_{(2,4,7)}$: spirit, ghost (gig, 'to be sick', + dìm, 'sickness demon', or gi_6, 'black', + dim_4, 'to approach').

$gidim_6$, $gidi_6$: eclipsed, darkened (gíg/gi_6, 'black', + dím, 'to make').

$^{ĝiš}gigir_{(2)}$: wheel(s); chariot; wagon; coach (reduplicated gur_4/gir_8, 'to turn, roll') [PU_2 archaic frequency: 37].

gilim-(b), gili, gil, gi_{16}: n., reed bundle; dancer; bride crown (gi, 'reeds', + lam, 'abundance') [GIL archaic frequency: 1].

v., to twist; to bend, bow; to cross, bar; to fence off; to lie athwart; to go across; to cross plow; to mess up.

adj., to be twisted, tangled; opaque; to be corrupted; destroyed.

girim, girin, gir_8: piece of clay; to detach a piece of clay; to creep or glide on the ground (gur_5, 'to separate, divide', + imi/im, 'clay'; cf., gurun).

gìrim, gírin: (cf., gurun).

giriš: butterfly; moth.

$gitlam_{(2,3,4)}$, $nit(a)lam_{(2,3,4)}$: lover; honeymooner; first husband; spouse (nitaḫ, 'male, man', + lam, 'luxuriance').

gúdibir: war ($gud_{(2)}$, 'warrior', + bir, 'to wreck, murder').

gudug, $gudu_4$, gúda: a ritually pure, linen-clothed priest who cares for and feeds the gods; divinely anointed.

$gukin_{(2)}$: entire inhabited world.

gukkal [KUN.GAL]: (cf., kungal).

gunni: kiln; stove.

gurdub: reed basket.

$gurud_{(2)}$: to throw.

gurum[GAM]: n., heap, pile; arched beam; bending.

v., to be bent; to subdue.

gúrum: inspection.

gurun, gurin; girin, girim; gìrim, gírin: fruit; berry; flower (cf., gi-rin) (gúr, 'sphere', + an, 'high'; cf., kurun).

guruš, g̃uruš: sledge (archaic pictogram); adult workman, laborer (human sledge); young man (gúr, 'wheels' [cf., gigir], + uš, 'to stand upon') [? GURUŠ archaic frequency: 68; concatenation of 2 sign variants].

$guruš_{3,4}$, $guru_5$, gur_5; kur_5: to circumcise (?); to trim away, strip; to cut, clip (a part of the body); to notch, incise; to fell trees; to be parted, relieved of (gur_{10}, 'sickle', + g̃iš/uš, 'penis').

gurušda: (cf., kurušda).

guzza: throne; chair.

g̃adub: tablet container (g̃ar;g̃á, 'to store', + dub, 'clay tablets'; cf, lúša$_{13}$[G̃Á]-dub-ba).

g̃agia: cloister; reed basket; a measure of fish.

g̃alga, malga: advice, counsel; wise one; reflection, consideration (loan from Akkadian *milkum*; cf., Orel & Stolbova #1791 ***mulak-/*mulik-** 'stranger, chief') [GALGA archaic frequency: 16; concatenation of 2 sign variants].

g̃ansis, g̃asis$_x$: darkness; the netherworld; eclipse.

g̃anun: barn, storehouse, granary (g̃ar;g̃á, 'storeroom', + nun, 'great') [GANUN archaic frequency: 3].

g̃arim: pool, pond (cf., dagrim) (g̃ar, 'storeroom', + imi/im, 'clay, mud').

g̃arza, g̃arzu[PA.DIG̃IR]: custom(s); rite(s); divine or royal orders (g̃ar, 'form, appearance' or g̃ar, 'to deliver', + zu, 'to know').

g̃árza, g̃árzu, g̃irza[PA.LUGAL]: office, duties; rules.

g̃ešbu, g̃ešba, g̃ešpa[G̃IŠ-ŠUB]: boomerang; throw-stick.

g̃éšbu, g̃éšpu[ŠU.DIM$_4$]: fist(s); grappling hook for a wrestler (g̃iš, 'wooden tool', + bu$_{(6)}$, 'to pull, draw').

g̃ešta, g̃eš$_{2,3,4}$, g̃iš$_{2,3}$: sixty (g̃iš, 'tool', + tar, 'to cut; to determine' ?).

g̃eštin: vine; wine; grape juice; bunch of grapes (g̃iš, 'tree', + tin, 'life; wine') [GEŠTIN archaic frequency: 42; concatenation of 2 sign variants].

g̃eštug$_{(2,3)}$, g̃eštu$_{(2,3)}$[PI]: n., ear(s); hearing; understanding, intelligence (g̃iš, 'tool', + tuku/tug, 'to receive') [GEŠTUG archaic frequency: 108; concatenation of 5 sign variants].

v., to hear; to understand.

g̃eš´u: (cf., g̃éš×u in compound section).

$^{\text{ğiš}}$ğidru, ğidri[PA]: stick; staff; scepter; stick used to measure the height of a pile of grain (ğiš, 'wood', + dúru, 'low end, base' where stick was thrust to the base of a grain pile; cf., $duru_6$ reading of PA and še ğiš-è-a).

ğiğri$_{(2)}$: to dive; to sink, founder (reduplicated $ğiri_5$, 'to seek refuge').

$^{\text{ğiš}}$ğisal: oar; rudder (ğiš, 'wooden tool', + sal, 'thin, wide') [GISAL archaic frequency: 3; concatenation of 2 sign variants].

ğiskim, ğiškim, iskim, izkim, ğizkim: sign, signal; omen (ğiš, 'tool', + kíğ, 'message').

ğissu, ğizzu[ĞIŠ.MI]: shadow; shade (ğiš, 'tool, agent', + su, 'substitute'[Akk. *tarib(t)um*]).

ğišbun: (cultic) feast.

ğišgal: chair; throne; station (ğiš, 'wooden thing', + gal, 'big, great') [GIŠGAL archaic frequency: 9].

$^{\text{ğiš}}$ğišimmar: date palm; trunk of a date palm tree (cf., $^{\text{ğiš}}$nimbar) [GIŠIMMAR archaic frequency: 55; concatenation of 5 sign variants].

ğizzal: attention; intelligence (ğiš,'tool', + zal,'to pass time') [? GIZZAL archaic frequency: 1].

ğuruš: (cf., guruš).

ğuškin: (now read as kù-sig_{17}).

ğušur: rafter beam (ğiš, 'wood, tool', + ùr, 'roof; beam').

ḫabrud: cesspit; pit, hole; cave, cavern (ḫab, 'to stink', + bùru(-d), 'hole').

ḫalba$_{(2,3)}$, ḫalbi$_{(2,3)}$: frost, freezing.

ḫarub[DAG.$KISIM_5$]: carob.

$^{\text{(ğiš)}}$ḫašḫur: apple (?); apricot (?) (ḫaš, 'to break off (twigs or branches)', + gurun;gúr, 'fruit; sphere') [ḪAŠḪUR archaic frequency: 101].

$^{\text{(gi)}}$ḫenbur$_{(2)}$: (green) reed shoots, stalks (ḫe, 'abundant', + in, 'discrete individuals', + $buru_{14}$/bur_{14}, 'harvest').

ḫenzer: weakling; cripple; infant.

ḫilib: netherworld (possible foreign loanword).

ḫirin, ḫirim: the root stalks of the spikenard, imported from India, and used in perfumes; a weed grass (ḫe, 'abundant', + ir, 'perfume', + in, 'straw').

ḫubur: netherworld (ḫab, 'to rot, stink', + úr, 'root; base').

ḫuluḫ: to tremble; to be terrified; to terrify.

ibila: son; heir, successor; inheritance (íb (subj. prefix) + íla, 'he carries it').

idigna: the Tigris river (ída/íd, 'river', + ì, 'impersonal verbal conjugation prefix', + ğin, 'to go', + nominative a, "the river that goes", the Tigris was a faster-moving river than the Euphrates; it was less likely to overflow because, not depositing as much silt, it did not built up its bed as high) [? IDIGNA archaic frequency: 25].

idim: n., spring, underground water; weight, mass (ída, 'river', + mú, 'to sprout, appear').

adj., wild, raging, mad; considerable, distinguished.

ígira: heron (igi, 'the eye', + ra, 'to strike').

^{ğiš}ildag$_{(2,3)}$: a species of poplar tree (íl, 'to be high; to shine', + dág, 'brilliant').

ilduma$_{(2,3)}$, ildum$_{(2/3)}$, ildu$_{(2/3)}$: crowd [ILDUM archaic frequency: 5; concatenation of 2 sign variants].

ilimmu: nine (ía/í, 'five', + limmu, 'four').

^{ğiš}illuru, illulu, illar: throw-stick; javelin; bow; arc (íla, 'to lift', + ru, 'to send').

imğağa$_{(2,3)}$: husked (?) emmer wheat.

imin$_{(2,3)}$: seven; totality; innumerable; all (ía/í, 'five', + min, 'two').

immal$_{(2)}$: milk cow (cf., im-ma-al).

immen, immin, imma: (cf., enmen).

ímmen, ímmin, ímma: (cf., énmen).

immindu: roasting, baking oven (imi/im, 'clay', + ninda, 'bread').

imḫur[IGI.A]: foam.

inim: word; statement; command, order, decree; oath, agreement; matter, affair, concern, subject (in, 'one discrete individual', + eme, 'speech').

isimu$_{2,3}$, isim$_{2,3}$: shoot, sprout; offspring, descendant (i, 'sprout', + si, 'straight, long, narrow', + mú, 'to grow').

isiš$_{2,3}$: n., moaning; laughter.

v., to weep; to laugh.

iskim: (cf., ğiskim).

išib: n., priest who performs exorcisms, incantations, lustrations and purification.

adj., clean; anointed.

išin [PA-ŠE]: stalk.

itima, itim, idi: cella, chapel.

itud, itid, itu, iti, id$_8$; it$_4$,id$_4$: moon; month; moonlight (te, 'to approach, meet', + ud, 'sun').

izkim: (cf., ğiskim).

kabar, kapar[PA.DAG.KISIM$_5$×GAG]: shepherd boy (ká, 'gate', + bar, 'to open').

kadra$_{(2)}$: gift, bribe (kad$_4$, 'to tie together', + ru, 'present, gift').

kalag, kala, kal: v., to repair, mend (kal, 'excellent', + aka/ag, 'to make').

adj., strong; swift [GURUŠ+2-N14 (wagon pictogram) archaic frequency: 7; concatenation of 3 sign variants].

kalam: the land (of Sumer); nation [KALAM archaic frequency: 91; concatenates 6 sign variants].

kankal: hard soil; uncultivated land (ki, 'earth, place', + nu, 'not', + kal[-l], 'excellent, valuable') .

kapar: (cf., kabar).

kaskal: expedition, caravan; road; journey (kaš$_4$/kas$_4$, 'to travel fast', + kalag/kal, 'swift') [KASKAL archaic frequency: 35].

kašbir: small beer; sweet beer (kaš, 'beer', + bír, 'to sniff').

kešda, kešdr?, kéš-(d): n., knot; taboo; inhibition (ki, 'place', + šita$_4$, 'to bind') [KEŠ$_2$ archaic frequency: 6].

v., to bind, wrap, tie; to join; to fasten; to harness; to snatch.

^{ğiš}kešda: weir.

kíbir: firewood, kindling.

^{ğiš}kíbir: pitchfork.

^{na4}kikkin [ḪAR]: mortar.

kíkkin [ḪAR.ḪAR]: milling; mill house; adj. for milling women (reduplicated kín, 'hand mill').

kilib[LAGAB]: package, bundle.

kìlib, kìli: totality; star(s).

kilim, gílim, gilili: group of (wild) animals; rodents or other very small mammals.

kinbur: bird's nest or perch (ki, 'place', + an, 'high', + bùru/bùr, 'receptacle').

kinda: barber.

kínda[URI]; kinda$_x$[LAK-419]: a type of vessel for measuring barley or holding water.

kindağal$_{(2)}$: overseer of a group of (five) slaves.

kingal: commander, director (kíğ, 'to order', + gal, 'big, great') [KINGAL archaic frequency: 39].

kingusili: greater part; five-sixths (5/6) (kíğ, 'task', + sílig, 'hand [of five fingers]').

kiraši: emmer wheat for making beer.

kisal: courtyard; weight measure (ki, 'place', + sal, 'spacious') [KISAL archaic frequency: 145 ?; concatenates 5 ? sign variants].

kisim$_{(3,5,6,7)}$: milk-processing wasters; spoiled milk; smelly cheese [KISIM archaic frequency: 67; concatenates 3 sign variants].

kisim$_{(4)}$: cheese maggot.

kisim$_{2,3,5}$: stable, pen.

kislaḫ$_{(2)}$[KI.UD]: empty lot; threshing floor (ki, 'place', + luḫ/làḫ, 'to sweep clean'; cf., ki-sug$_8$).

kissa: supporting wall.

kišib, kiši$_{5,10}$: mouse.

kišib$_{(3)}$: n., hand; fist; seal; sealed bulla; receipt (cf., kéš, 'to snatch; to bind').

v., to seal.

kišib$_{7,8,9}$, kiši$_{7,8,9}$: ant.

$^{\tilde{g}i\check{s}}$kišik$_{(2)}$, kiša$_{(2)}$, kiši$_{16/17}$[Ú.ĜÍR]: a thorny bush [? KIŠIK archaic frequency: 21; concatenates 3 sign variants].

kúkku [MI.MI]: dark.

kukkuš, kukkuž ? [IŠ]: a type of flour.

kunga[ŠÚ.MUL]; kúnga[BAR.AN, ŠÚ.AN]: donkey; onager; mule.

kungal, gukkal [LU.ḪÚL]: fat-tailed sheep (kun, 'tail', + gal, 'big') [GUKKAL archaic frequency: 36; concatenation of 4 sign variants].

kuniĝ$_x$, kúnin: refined asphalt, bitumen (ku, 'to build', + níĝ, 'assets').

kurku$_{(2)}$: bounty, abundance (reduplicated kur$_9$, 'to deliver').

kurum$_6$, kur$_6$: a basket of food-rations; share(s).

kurum$_7$, kuru$_7$, kur$_7$: n., lookout, spy (ki, 'place', + ùru(-m), 'to watch, guard').

v., to watch.

kurun$_{(2,3)}$: sweet red wine; wine grape, grapevine, or grape cluster (cf., gurun).

kuruš, kuš$_6$, ku$_7$: sweet; plump, fat; honey (cf., kurušda).

kurušda, gurušda, kuruža ?: sweet fodder (for fattening cattle); fattener (of cattle); stock-breeder (kuruš, 'sweet; fat', + da$_{(5)}$, 'side; to surround' ?) [GURUŠDA archaic frequency: 61].

kušum: to scorn, reject, hurt; to abandon (ki, 'place', + ušum, 'solitary').

kušum$_x$, kušu[U.PIRIĜ]: herd of cattle or sheep.

lagab: block, slab (of stone); trunk (of tree) (cf., kilib) (lag, 'clod, piece', + gub, 'to stand') [LAGAB archaic frequency: 84; concatenates 2 sign variants].

lagar: temple servant who pronounces invocations to the god [LAGAR archaic frequency: 51; concatenates 4 sign variants].

lagar$_x$[SAL.ḪÚB]: (divine) vizier; a high ranking cultic functionary.

laḫtan$_{(2)}$: beer vat [LAḪTAN$_2$ archaic frequency: 7].

laḫtan$_x$, laḫta: a washing vessel (luḫ/làḫ, 'to wash', + tán, 'to become clean').

libir: n., old age [LIBIR archaic frequency: 1].

v., to last long; to live long.

adj., old, ancient; traditional; used, worn (la, 'youthful freshness', + bír, 'to shrivel up').

libiš, lipiš: courage; anger; core, heart; family (Akk. *libbu* 'heart').

lidim: to receive (in charity) (la, 'abundance', + dim$_4$, 'to beg').

lilib[IGI.IGI]: to steal.

liliz: a drum.

lillan: stalk with ripe ear of grain.

lirum, liru, liri: n., physical strength.

adj., strong, powerful.

lugal: king; owner, master (lú, 'man', + gal, 'big') [LUGAL archaic frequency: 80].

lugud, luĝud(?): pus; serous fluid (lúĝ, 'fault, error' + éd, 'to emerge').

lúgud: short; short person (lú, 'person', + gud_8, 'short').

lukur: chaste priestess, nun; courtesan (?) (lú, 'grown man', + kúr, 'hostile').

lulim: stag, hart (male of the red deer; cf., máš-lulim) (Akkadian loanword).

luḫummu[ĜIŠ-MI]: mud (cf., lu-ḫu-um).

$lunga_{(2,3)}$, $lumgi_{(2,3)}$: (cf., $^{lú}ningi_{(2,3)}$).

$makkaš_{(2)}$: wailing; clamor (maḫ, 'great',? + $kuš_7$, 'devastation').

mangaga: palm fiber, bast (man, 'partner', + gag, 'peg, nail', + a(k), 'genitive').

mašda: drawing; gazelle (máš, 'to scrutinize', + dù, 'to make, apply') [? $DARA_3$ archaic frequency: 11; concatenation of 4 sign variants].

$mašda_{(2)}$: commoner; destitute.

maškim: inspector, monitor, sheriff, commissioner (máš, 'to inspect', + kíĝ, 'work').

$megida_{(2)}$, $megidda_{(2)}$: sow (female pig).

mezem [ÚMBISAG]: maintenance, support (?).

$middu_{(2)}$, $mitum_{(2)}$: mace (the weapon).

mudla, madlu, mudul: pole; stake (mud, 'a right-angled tool', + lal/lá, 'to hang').

múdru: fuller; launderer (mur_{10}/mu_4, 'to clothe oneself', + $duru_5$, 'moist, fresh').

muḫaldim [MU]: baker, cook (mù, 'to mill, grind', + ḫal, 'to divide; portion', + dím, 'to fashion, create').

mùnsub: shepherd.

$munšub_{(2)}$: hair; hairy skin; pelt, hide; barber ('it falls down oneself') [? MUNŠUB archaic frequency: 3; concatenates 2 sign variants].

munus[SAL]; nunus[Emesal]: female; woman (this pronunciation found in absolute inflection, cf., mí) (mí, 'woman', + nuz/nus, 'egg') (cf., mí/mu_{10}, nunuz, and etymology of nitaḫ).

^{ú}munzur[KI.AN.ŠEŠ.KI]: bitter plants.

murgu: dung (sheep).

$murgu_{(2)}$, $mur_{7,8}$: neck; back; shoulders; ridge (mur, 'lungs', + gú, 'neck').

$murub_{(2)}$: vulva; woman; sexual charm [$MURUB_2$ archaic frequency: 4].

$murub_4$, múru: central, median area; middle; waist, hips; in-between terrain; interval; battle (mur_{10}, 'to dress oneself', + íb, 'middle; loins'; cf., $^{iti}murub_4$).

$murum_{5,11}$, $muru_{3,5}$, urum: brother-in-law (mí, 'woman', + ùru(-m), 'to watch, guard' or úrum, 'relatives').

mušen: bird (muš, 'reptile', + an, 'sky') [MUŠEN archaic frequency: 178].

muššagana: voracious hunger.

nağar: adze, wood-chisel; carpenter; craftsman (na_4, 'stone', + ğír, 'knife') [NAGAR archaic frequency: 168; concatenation of 2 sign variants].

nağğa, niğği [AN.NA]: tin, pewter (níğ, 'valuable thing', + ğar;ğá, 'to store').

namešda[ŠITA.ĞIŠ.NÁM]: top warrior, king (lit., 'the power of the mace').

nanam: n., true measure (na_4, 'token, counter', + nam, 'destiny' or just reduplicated nam).

adj., reliable, true; honest, decent.

^{d}nanna: the moon as a god [NANNA archaic frequency: 49; concatenation of 2 sign variants].

$nidba_{(2)}$: (cf., nindaba).

nigida[PI]: (cf., ni-gi-da;bariga).

niğar[NI_9.ĞAR]: a dark room; premature or monstrous fetus (ni_9, 'premature birth', + ğar, 'to deliver').

$niğin_{(2)}$: n., enclosure, circle; capacity; whole (cf., kilib and gur_4-gur_4) [NIGIN archaic frequency: 11].

v., to halt, turn away; to turn round; to surround; to assemble; to pen up cattle; to wander about; to circle; to make the rounds (usually níğin[LAGAB] for *hamtu* form and niğin or ni_{10}-ni_{10}[LAGAB.LAGAB] for *marû* form) (ní;ne_4, 'fear', + ğin, 'to go').

$niğin_{(2,3)}$: vertigo (as a disease); faintness, dizziness; thirst.

nìğin, ni_9: premature or stillborn child; malformed child; monstrosity.

$niğin_{5,7,8,9}$, $nimen_{(3,4,5)}$; naĝa: district, province.

$niğir_{(2)}$, $miğir_{(2)}$: a bride's male attendant; herald, night watchman, town crier; bailiff (probable conflation of separate words: mí, 'woman' and nim, 'morning', + ğar, 'to deliver') [NIMGIR archaic frequency: 62].

^{ğiš}nimbar: date-palm (nim, 'to be high', + bar;bur, 'to release; meal').

$nimgir_{(2)}$: (cf., $niğir_{(2)}$).

nimin, nin_5: forty (niš, 'twenty', + min, 'two').

nimur[KI.NE]: kiln; potash.

$nimur_x$[PIRIĞ.TUR]: leopard, panther (from Akk. *nimru(m) I*).

ninda: bread; bakery good; food (níğ, 'valuables', + dar, 'to slice') [GAR archaic frequency: 409].

nindan, ninda: a length measure, rod = 12 cubits (kùš) = 6 meters; one side of a sar/šar, 'garden plot' square measure (from Akk. *middatu*, *mindatu*, 'to measure').

nínda, inda; índa: hopper or seeding apparatus of the seeder plow; funnel, tube; flower; bushel; pure-bred breeding bull; fish roe; milt; ancestors (from Akk. *middatu*, *mindatu*, 'to measure') [$NINDA_2$ archaic frequency: 20].

$nindaba_{(2)}$, $nidba_{(2)}$: food offering (ninda, 'food', + ba, 'to give').

$^{lú}ningi_{(2,3)}$, $lunga_{(2,3)}$, $lumgi_{(2,3)}$: brewer (nağ, 'to drink'; lum, 'to be satiated, full'; lùm, 'a small pot').

ninindu, nindu, inda$_4$: oven; stove (cf., immindu).

ninkum[NIN.PAB.SIG$_7$.NUN.ME.UBARA]: temple treasurer; guardian deity of the foundations [NINKUM archaic frequency: 11].

nisağ$_{(2)}$, nesağ$_{(2)}$: first fruits (offering); spring time (month); dough; wine cellar ?; foremost; governor (ní, 'self; vigor', + sağ, 'first') [NISAG$_2$ archaic frequency: 94; concatenation of 2 sign variants].

nisig, nisi, nissa: n., greens, vegetables (níğ, 'valuables', + sig$_7$, 'green, yellow').

adj., beautiful; blue; green.

nitadam, nitalam: wife.

nitaḫ$_{(2)}$, nita$_{(2)}$: male; man; manly (ní, 'self', + taḫ, 'to multiply') [GIŠ$_3$ archaic frequency: 16; concatenation of 2 sign variants; UŠ archaic frequency: 101; concatenates 2 sign variants].

numun, nuğun$_x$, niğun$_x$: n., seed; sowing; cornfield; offspring, progeny (níğ, 'thing', + gùn, 'dots, speckles') [NUMUN archaic frequency: 22].

v., to produce.

(ú)númun: a type of grass (*halfâ'*), rushes (cf., ^{ú}aški) [NUMUN$_2$ archaic frequency: 2].

nundum, nundun: lip (reduplicated tùn, 'lip').

nunuz, nunus: egg(s); offspring; female (reduplicated nuz, 'egg') [NUNUZ archaic frequency: 134; concatenation of 5 sign variants].

palil$_{(2)}$: advance troops, shock troops, leader (bala, 'to cross over', + lú, 'men').

parim: arid land; dry land (as opposed to marsh land or water) (cf., bar-rim$_4$).

piriğ$_{(3)}$: lion (poetic); light (bar$_{6/7}$, 'to shine', + níğ, 'thing') [PIRIG archaic frequency: 103; concatenation of 5 sign variants].

píriğ: bright.

pisağ$_{(2/3)}$, pisan$_{(2/3)}$: (open) basket; box, chest; frame (bad/be, 'to open', + sağ, 'head').

puniğ$_x$: (cf., buniğ$_x$).

puzur: (cf., buzur).

sabad$_{(2,3)}$, sad$_{2,3,4}$ [ĞÁ×U, ĞÁ×BAD, ĞÁ×SIG$_7$]; šab, sab [PA.IB]: hips, loins; middle (su, 'body', + bad, 'to open').

sağdul$_x$[U+SAĞ]: hat, headdress (sağ, 'head', + dul, 'to cover, protect').

sağğa$_{(2,3,4)}$, sanğa$_{(2,3,4)}$: a sprinkler, used for ritual cleaning; economic director of a temple or occupation (such as all the smiths) (sağ, 'head', + ğar;ğá, 'to store') [SANGA archaic frequency: 530; concatenates 3 sign variants].

sağšu: helmet, cap, headdress (sağ, 'head', + šúš/šú, 'to cover') [SAGŠU archaic frequency: 14].

sağtag, santak$_{(2,3,4)}$: triangle; (written) wedge; single (sağ, 'head', + tag, 'to hold').

sağtuš$_x$[U+SAĞ]: hat, headdress (sağ, 'head', + tuš, 'to reside, sit').

ğišsaḫab$_{(2)}$, suḫub$_{3,4}$: bar, bolt (of a door).

saḫar: silt, dust, sand, earth, mud, loam; rubbish; sediment (cf., kuš$_7$) (sa$_5$, 'red-brown', + ḫara, 'crushed, pulverized').

^{dug}sáḫar [SAR]: clay pot.

saman$_{(2,3)}$: yoke, leash, or rope (for an ox).

sanĝa$_{(2,3,4)}$: (cf., saĝĝa).

santana, šandana, šandan: herbalist, horticulturist, date orchard administrator (saĝ, 'head, human', + tin, 'to cure'; cf. also, šeĝ$_4$, 'chills' and šeĝ$_6$, 'to be hot') [ŠANDANA archaic frequency: 3; concatenates 2 sign variants].

sidug: ravine; pit; pitfall; trap (si, 'to be straight, narrow', + dug, 'vessel').

sikil: v., to be/make clean, pure (siki, 'hair' ?, + ul, 'to shine'; cf., suku$_5$, 'to shine brightly', sig$_7$, 'to create; to make beautiful') [SIKIL archaic frequency: 7].

adj., clean, fresh, pure, virginal.

silaĝ, sila$_{11}$: to knead (dough or clay); to slay.

silig: (cf., šilig).

sílig: hand.

silig$_{3,4}$: sin.

silim[DI]: to be/make in good shape, healthy, complete (usually considered Akk. loanword, root means 'peace' in 18 of 21 Semitic languages, but Sumerians used word in greeting and root not in Orel & Stolbova's *Hamito-Semitic Etymological Dictionary*; cf., sil$_5$, 'pleasure, joy', + lum, 'to grow luxuriantly').

simug: metal-sculptor, smith (si$_4$, 'red', + mug, 'to engrave') [SIMUG archaic frequency: 13].

sipad, sibad, sipa; šuba; sub$_{2,3}$: n., shepherd; keeper [SIPA archaic frequency: 4].

v., to pasture, tend (si, 'to keep in order', + bad, 'to let out', or pàd, 'to find').

sipar: (cf., zabar).

siskur$_{(2)}$, sizkur$_{(2)}$: n., offering, sacrifice with entreaties, prayers, rites.

v., to pray; to sacrifice (isiš$_{2,3}$, 'to weep', + kur$_9$, 'to bring, deliver').

subar: slave; Northerner (su, 'body', + bar, 'foreign').

^{d}suena, ^{d}suen[EN.ZU]: the moon (sú, 'knowledge', + en$_{(2,3)}$, 'time', + -/ak/, 'of').

suĝin, sumun, sun, šum$_4$[BAD]: n., rot, decay; something rotten; the past (su, 'body', + ĝin, 'to go') [? ZATU-644 archaic frequency: 65; concatenation of 2 sign variants].

v., to decay; to ruin.

adj., old, ancient.

suḫirin[SU$_7$.SUM]: the threshing floor with the piles of grain and straw (su$_7$, 'threshing floor', + ḫirin, 'sweet smelling grass').

suḫur: n., hair, scalp; tree top; crest (su$_6$, 'beard', + ḫe, 'abundant', + ùr, 'roof'; cf., suḫuš) [SUḪUR archaic frequency: 239].

v., to trim or comb the hair; to scratch; to make an incision.

suḫur^{ku6}: giant carp, barbel.

suḫuš: roots; support, foundation; to lift; support (su_4, 'to grow, multiply', + ḫe, 'abundant', + uš, 'to support'; cf., suḫur).

sukkal: messenger, courier, envoy, representative; minister, vizier (su, 'body', + kalag/kal, 'strong, swift') [SUKKAL archaic frequency: 130].

sukud; zugud: n., height; depth (su, 'body', + gíd, 'long') [SUKUD archaic frequency: 15].

v., to be/make high.

adj., high; tall.

súkud, $suku_5$: to measure, distribute; to flash, shine brightly (cf., zú...kud/ku_5).

sulummar[KI.SAĜ.DU]: disgrace (cf., $su_{(11)}$-lum...mar).

sumaš: a common marine fish [SUMAŠ archaic frequency: 3].

$sumug_{(3,4,5)}$, $samag_{(3,4,5)}$: mole; birthmark (su, 'flesh', + mug, 'to engrave; sty').

sumun: (cf., suĝin).

sumur, šúr, súr: n., fierceness (Akkadian loanword - *šamru*, 'fierce, enraged, wild') [$ŠUR_2$ archaic frequency: 17; concatenates 2 sign variants].

v., to be enraged (against someone: -da-).

adj., fierce; furious; stubborn.

surim: (cf., surin).

susbu: clean, bathed; a priest.

šabra, šapra [PA.AL]: temple administrator; commissioner (šab, 'to gather up', + ru, 'to give') [ŠABRA archaic frequency: 1].

šagan, šakan: a large jar for oil; god of wild creatures ($šag_4$/šà, 'stomach, container', + gan, 'to bring forth') [? ŠAGAN archaic frequency: 55].

šaggina, šaggin, šagina: military governor ($šag_4$, 'guts', + gi-na, 'steady, reliable') [? ŠAGINA archaic frequency: 1].

šaĝar: hunger (cf., šà-ĝar).

šakan: (cf., šagan).

šákan: official in charge of expenditures - comptroller (šu, 'portion', + gan, 'to bring forth'; cf. also, šaggina).

šakar: milk jug ($šag_4$/šà, 'stomach, container', + kir, 'cow').

[dug]$šakira_{(3)}$, $šakir_{(3)}$: butter tub, churn; churning; pitcher ($šag_4$/šà, 'stomach, container', + kir, 'cow' + /ak/, genitive) [$ŠAKIRA_3$ archaic frequency: 56; concatenates 3 sign variants].

[ú]$šakira_{(2)}$, $šakir_{(2)}$: henbane.

šandana: (cf., santana).

šaran; šarin: tick, bedbug (šár, 'to be numerous', + in, 'straw').

šardiš, šarĝeš[ŠÁR×DIŠ]; $šargal_x$[ŠÁR×GAL]: '216000'.

šassuk[SAĜ-GÍN]: registrar of deeds.

šedur: caterpillar cocoon (éše, 'rope', + dúr, 'dwelling').

šembi: kohl; antimony (as makeup).

šenbar: a type of wild boar (?); Mesopotamian fallow deer (?) ($šeg_9$, 'boar', + bar, 'foreign').

ĝiššennur: a fruit tree, quince or medlar [ŠENNUR archaic frequency: 11; concatenates 2 sign variants].

$šerim_{(2)}$, šerin, sérim: a part of the loom - either the harness or the heddle [TAG archaic frequency: 48 ?; concatenates 7 ? sign variants].

šerimsur: caterpillar cocoon (šerim, 'part of a weaving loom', + zar/sur_8, 'to exude; to spin [a cocoon]').

ĝiššibir, sibir: n., shepherd's staff ending in a curved end, i.e., a crook; also such a staff used by a god or king as a scepter (sipad; šuba, 'shepherd', + re_7, 'to lead; to bear').

adj., slanted, crooked.

šidim, šitim, šidi[GIM]: architect, mason ($šid_{3,4,5}$, 'to bind', + dím, 'to build, make') [ŠIDIM archaic frequency: 35].

$šikin_{2,3}$: a jar for body oil, ointment, salve.

šilam: milk-producing mother cow (šu, 'to pour', + lam, 'abundance').

$šilig_{(5)}$, $silig_{(5)}$: v., to cease, stop; to lay aside one's work.

adj., extremely powerful, strong(cf., ĝiššilig and nam-šilig).

ĝiššilig: axe.

ĝiššinig: tamarisk.

šiten: course of march; passage (šìta, 'channel', + un, 'people').

šitim: (cf., šidim).

šubun: (cf., ĝišbun).

šubur: earth; slave, deprived person [ŠUBUR archaic frequency: 181].

$šudug_{(2)}$, $šutug_{(2)}$: a reed hut for purification rites; basket.

ĝiš$šudun_{(2,3,4,5)}$, ĝiš$šudul_{(2,3,4,5)}$, ĝišuštil: yoke, crosspiece (šúš/šú, 'to cover', + $dun_{(4)}$, 'warp yarns connecting opposite sides of a loom frame' and dul, 'to cover').

(kuš)$šuḫub_{(2)}$, $suḫub_{(2)}$ [MUL]: n., boots (šúš/šú, 'to cover', + gub, 'to stand').

v., to step; to feed by grazing; to trample.

gišukur: fence.

urudu/ĝiššukur: spear, lance (šu, 'hand', + kúr, 'enemy').

šurun, šurim: animal excrement, dung; stable (šur, 'to flow, drip', + imi/im, 'clay, mud').

$šurun_{4,5}$, $šurin_{4,5}$: cockroach; cricket.

šušana: one third (part).

$šušur_{(2)}$: stove grill (šúš, 'to cover', + ùru, 'hot, luminous metal').

šutum[GI.NA.AB.UL]: lizard.

tabira, tibira: metalworker (tab, 'to hold, clasp', + ùru, 'luminous object').

taltal: knowledge, experience, wisdom (reduplicated tál, 'understanding').

ğištaškarin, taskarin[TÚG]: box shrub or small tree (or its heavy, hard wood) (may be Akk. loan).

temen[TE]: perimeter; foundations; foundation-charter; foundation platform; a figure on the ground made of ropes stretched between pegs; excavation (often written te-me-en) [TE archaic frequency: 199].

tešlug: small young animal, fledgling.

tibir: carving knife.

tibir$_{(2,3,4,5)}$: hand; palm; blow, strike ('life' + 'open, release' ? 'the beggar's open palm').

tíbira, ibira: merchant, tradesman (Proverb 3.108 describes how the peddler 'flays' or 'skins' the open hand of the customer).

tidnum[UG-UG or ÚG-ÚG], midnum: tiger ?, leopard ? [? TIDNUM archaic frequency: 1].

tilḫar: cloud.

tilmun: distinguished, respectful (same sign as dilmun^{ki}).

titab$_{(2)}$: beer mash - bappir mixed with munu$_4$ and allowed to ferment (til/ti, 'life', + tab, 'to burn').

tugul: hip, thigh (túg, 'cloth garment', + íla, 'to lift, carry').

(ğiš)tukul: mace (thigh bone ?); weapon.

tukum, tukun: if, in case; at once.

tukumbi: if, in case; please; certainly (usually followed by *hamṭu* verb form).

túkur[KA×ŠE]: to gnaw, nibble; silence.

ubara[EZEN×KASKAL]: patronage, protection.

ubilla$_{(2)}$: soot (ú, 'plant', + bil, 'to burn', + lal/lá, 'to be deficient, light, high').

ubur: female breast, teat (ub$_4$, 'cavity', + ir$_{(2)}$, 'liquid secretion').

udug, utug: pitfall; a demonic being.

údug, útug: a weapon.

udul/utul$_{(3,4,5,6,10)}$: herdsman (udu, 'sheep', + lú, 'man') [UDUL archaic frequency: 32; concatenates 4 sign variants].

udun[GIR$_4$]: kiln (for pottery and bricks); oven.

ugnim: crowd; army; troops; workgang; campaign.

ugra: reed bundle.

ugula [PA]: overseer; captain; foreman (loan from Akkadian *waklu* where Christopher Ehret's 1995 *Reconstructing Proto-Afroasiatic* has *wax "to look at").

ugun[U.DAR/GÙN]: adorning speckles and lines; inlaid decoration (u, 'ten, many', + gùn, 'to decorate with colors' may be popular scribal etymology; cf., ug, 'lion, any deadly cat' + n, 'discrete point').

úgunu, úgun[GAŠAN]: lady, mistress, ruler; ointment, application.

ùgun, ugu$_{(4)}$: n., progenitor.

v., to beget, bear.

adj., natural, genetic.

ukum: dust (devil).

úkur: butcher (ug$_5$, 'to kill', + kir, 'cow').

ukur$_{3,4}$, uku$_{2,5}$: n., poor man; poverty.

v., to be or become poor.

úkuš: cucumber.

ulul$_{(2)}$: binding; harness; leash, chain (u, 'ten, many', + lal, 'to strap, harness').

ulušin: emmer beer.

úlutin: attractive, attention-getting.

umaḫ: marsh, swamp (u, 'plant', + maḫ, 'high').

umbin: nail; claw; talon; hoof; nail impression (on a clay tablet); hair pin; wheel (of a chariot, wagon) [UMBIN archaic frequency: 34; concatenates 4 sign variants].

umbisağ: scribe (umbin, 'nail impression [on a tablet]', + sağ, 'individual human').

ummeda$_{(2)}$, éme: wetnurse; mammy (umu/um, 'nurse', + da, 'to hold, protect').

kušummud, ùmmu[EDIN.LÁ]: (goatskin) water bag.

umun: title of respect; Emesal dialect form of en.

úmun, umum: mold; raw form or material; idea; knowledge; scholarship [UMUN$_2$ archaic frequency: 114].

ùmun: flea; louse.

umun$_{5,6,11}$: (stagnant) pool; swamp; a swamp plant.

umuš, uš$_4$: discernment; intelligence; reflection, consideration; decision (u$_6$, 'to be impressed' + máš, 'to examine, inspect').

unkin, ukkin: communal assembly, folkmoot (ùğa/un, 'people', + kíğ/kin, 'to seek, fetch'; cf., unkin-ğar-ra) [UKKIN archaic frequency: 108; concatenates 3 sign variants].

unug$_{(2)}$, unu$_{(2)}$: dwelling; fortress; jewelry, adornment; cheek; the city of Uruk (ùğa/un, 'people', + ig, 'door') [UNUG archaic frequency: 206; concatenates 3 sign variants].

ùnug, unu$_6$ [TEMEN.ÈŠ = TE.AB]: elevated shrine, temple; living room; sanctuary.

uraš[IB]: earth; loincloth; secret.

úrdu[ARAD×KUR]: (cf., arad).

úrgu: ferocity, rage (ur + gù, 'barking dog').

urim$_{2,5}$, uri$_{2,5}$: doorpost (cf., ùru(-m)) [URI$_5$ archaic frequency: 21].

urin, ùri[ŠEŠ]: eagle; standard, emblem, banner; blood [ŠEŠ ZATU-523 archaic frequency: 25; concatenates 2 sign variants].

ursub$_{(2)}$, urrub$_{(2)}$: (cf., zurzub$_{(2)}$).

urudu, uruda, urud: copper; metal (ùru, 'luminous object', + dù, 'to mould, cast') [URUDU archaic frequency: 61; concatenates 3 sign variants].

urugal: the netherworld (uru, 'city', + gal, 'big').

urum, uru$_6$, ur$_7$: spawn, fry.

úrum, uru$_7$: relatives, kin.

usan$_{(2)}$: evening (cf., ú-si$_4$ an).

ùsan: whip.

usug: (cf., uzug).

ušar$_{(2,3,4)}$, ušur$_{(2,3,4)}$, usar: (female) companion, neighbor (uš, 'to support', + ára/ár, 'to praise') [UŠUR$_3$ archaic frequency: 3; concatenates 3 sign variants].

ušbar: weaver.

ušbar$_{(3/7)}$: father-in-law; mother-in-law (g̃ìš/uš, 'man; penis', + bar, 'outside; foreign').

ušera: reed bundle (ú, 'plant', + šár, 'to be many').

$^{(gi)}$ušub[SI.A/DIRIG]: basket (uš, 'to support, lift', + ub$_4$, 'cavity, hole').

ušum, ušu: n., dragon, composite creature (uš$_{11}$, 'snake venom', + am, 'wild ox').

adj., solitary, alone.

ušumgal: lord of all, sovereign; solitary; monster of composite powers, dragon (ušum, 'dragon', + gal, 'great') [UŠUMGAL archaic frequency: 21].

utaḫ, útu: dried, powdered milk; sky.

uttuku: (cf., níg̃-ka$_9$).

utua$_{(2)}$: breed ram; breed bull (udu, 'sheep', + a, 'semen; father') [UTUA archaic frequency: 74; concatenates 2 sign variants].

utul: (cf., udul).

utul$_{2,7}$: pot, kettle, cauldron (ú, 'food', + tal, 'large jug').

uzalag, uzalak[GE$_{22}$]: area measure, = 1/4 of an iku (= 25 sar).

uzug, usug: tithe, tenth-part set aside (ḫà/u, 'ten', + zag, 'outside of').

uzug$_{2,3,4,5}$: menstruating woman; woman isolated after birth; person under a taboo (cf., ú-sug$_4$) (úš, 'blood', + zìg, 'to expend, go out').

$^{(g̃iš)}$zabalam: juniper (cf., za-ba-lum) [? ZABALAM archaic frequency: 45; concatenates 2 sign variants].

zabar[UD.KA.BAR]: bronze (zil; zi; zé, 'to pare, cut', + bar$_6$, 'bright, white'; Akk. *siparrum*, 'bronze' borrowed before vowel harmony changed Sumerian word; cf., barzil, 'iron') [ZABAR archaic frequency: 1].

zadim: jeweler; stone cutter (cf., za-dím) [ZADIM archaic frequency: 2].

zalag$_{(2)}$; zal: n., light, brightness; the light before dawn, early morning.

v., to shine, gleam; to illuminate; to cleanse, purify (often reduplicated).

adj., bright, luminous, radiant; pure.

zanbur: prowling, roaming; foraging (said of animals).

zibin$_{(2)}$: chrysalis, pupa; caterpillar (zi, 'life', + bun, 'blister').

zilulu[PA.ĜIŠGAL]: peddler; vagabond (zil, 'to flay, pare' ?, + lú-ùlu, 'people').

zipaḫ, zapaḫ[ŠU.BAD]: half; a length-measure, span = 1/2 cubit = 15 fingers = 25 cm. (ŠU.BAD: 'open hand' - approx. distance measured by span of outstretched thumb and little finger).

zizna: fish roe; abnormal growths on a fetus.

zugud, zubud: a kind of club; a fish (cf. also, sukud).

zukum: to trample; to walk on; to step on (súg, plural 'to stand', + kum, 'to crush').

zurzub$_{(2)}$, ursub$_{(2)}$, urrub$_{(2)}$: a container provided with teat-shaped protuberances (zur$_4$, 'to spout, flow', + sub, 'to suckle').

a-a: father (reduplicated 'offspring').

a-ab-ba: (cf., aba).

a-aḫ-du$_{11}$-ga: (cf., aḫ-du$_{11}$-ga).

a-ba: who (a, 'to', + bi, 'it', + a, 'the').

a-ba-al: 'dry' asphalt (Akkadian loanword - *abaalu*, 'to be dry; to mourn', may be Orel & Stolbova #2519).

a-bala: drawing of water (a, 'water', + bala, 'turn, duty').

a-da-ab: a type of song (also written as a-tab, 'burning tears' ?).

a-da-al-ta: from now on ('now' + 'from').

a-da gub-ba: water duty ('water' + 'near' + 'to stand' + nominative).

a-da-lam; i-da-al-àm: now ('now' + 'to be').

a-da-mìn: contest ('when' + 'with' + 'an equal').

a-da-mìn...aka: to compete (with someone: -da-) ('contest' + 'to do, make').

a-da-mìn...dug$_4$/du$_{11}$/e: to compete ('contest' + 'to speak, do, make').

a-da...tuš: to live near the water ('water' + 'near' + 'to dwell (singular)').

a-dar-tún^{ku6}: a fish ('water' + 'to slice' + 'to smash').

a...dé: to pour out water; to irrigate; to flood ('water' + 'to pour').

a-dé: fresh.

a-dé-a: the yearly spring flood ('water' + 'to pour' + nominative).

a-dùg: freshwater ('water' + 'sweet, fresh').

a...dug_4/e: to irrigate ('water' + 'to do').

a-dun-a: inshore fisherman (?) ('water' + 'lowly student' + nominative).

a-è-a: overflowing or breaks in levees ('water' + 'to emerge' + nominative).

A.EN-da-urudu: a type of copper.

a-eštub^{ku6}: high tide, early flood ('water' + 'river carp').

a-ga: back, backside; after; back room (cf., eğir).

a-ga...gur: to turn back ('back' + 'to return').

a-ga-am, a-ga-àm, a-ga-mu-um: artificial pond - a large, marshy, and permanent or semi-permanent lake used as a reservoir to dispose of flood waters (prob. Akk. loanword).

a-ga-aš-gi_4: the most awkward one ('in back' + 'the one' + 'to send, reject').

a-ga-bi-šè: afterwards ('after' + adverbial force suffix + 'towards').

a-ga-zu-ta: behind you ('back' + 'your' + 'from').

a-gáb: (cf., ugu_4-bi).

a-gal: overflow of flood waters ('waters' + 'big').

a-gàr: irrigated field ('water; seed' + 'cake' ?).

a-gar_5: lead, the metal.

a-gig: bitter tears ('water' + 'pain').

-a-gin_7: as (= when) ...; in that way; how! ('if, when' + 'like').

a-e...gu_7(-a): eroded by the water ('water' + ergative agent marker + 'to consume' (+ nominative)).

a-gúb-ba: holy water ('water' + 'to purify' + nominative).

^{kuš}a-ğá-lá: leather sack (for flour) ('water' + 'to store' + 'to lift, carry').

a-ğá-ri-in: a flat area (measured in sar) (cf., ğarim).

A-ğar: (cf., e_5-ğar).

a...ğar/ğá-ğá: to irrigate; to be submerged ('water' + 'to store; to deposit, deliver').

a-$ği_6$(-a): flood ('water' + 'to be black' + nominative).

a-šè...ğin/gub: to go to fetch water ('water' + 'to the' + 'to go').

a-ḫur-rum: (cf., ḫu-ru(-um)).

a-ia_{10}-lum: stag (Akkadian loanword).

a...íl: to carry water ('water' + 'to lift, carry').

a-ka: (cf., úgu).

a-kúm: hot water ('water' + 'hot').

a-la, a-la-la: exclamation, often of joy; exuberance ('tears' + 'happiness').

a-lu: adjective for small cattle.

a-lum: adjective for sheep.

a-ma-ru: destructive flood ('water' + 'to go' + 'to send'; cf., u_{18}-ru).

a-maḫ: flood, overflow, bursting of a dam ('water' + 'high, mighty').

a-maš: sheepfold (cf., amaš).

a-MI: (cf., a-$\tilde{g}i_6$).

a-na: what (a,'to', + ni,'he, she', + a,'the').

a-na me-a-bi: as many as they are; all of it ('what there is of it').

a-na-àm: thus; why ('what' + enclitic copula).

a-na-àm...aka: what (will/did) X do?.

a-na-aš(-am): why? (why is it that ...?) ('what' + 'one'[+ 'to be']).

a-na-gim, a-na-gin_7-nam: how ('what' + 'like'[+ abstract process]).

a-ne: (cf., e-ne).

a-nir: lamentation, dirge ('tears' + 'to raise high').

a-nu-gi_4-a: (cf., á-nu-gi_4-a).

a numun-sag̃-g̃á: water of the first seeds = watering of seeds just planted ('water' + 'seeds' + 'first' + genitive).

[ú]a-númun: reeds, rushes ('water' + 'grass, rushes').

a-pa_4: funerary pipe (a clay pipe through which water and beer were poured into the grave) ('water' + 'small canal').

a...ra: to ejaculate ('seminal fluid' + 'to strike, overflow').

a-ra-zu: prayer, rite ('tears' + 'to overflow' + 'to inform').

a-ra-zu...e: to say a prayer [often introduces direct, quoted speech in the texts].

a-rá: way, road; times (multiplication) ('where' + 'to go, carry [plural]'; cf., a-ri-a).

a-rá-bu[mušen]: duck ('water' + 'to go [plural]' + 'to pull, tear out').

a-ri-a, a-ru-a: district; desert, waste land ('where' + remote demonstrative affix + nominative).

a...ri: to engender ('semen' + 'to pour into').

a...ru: to dedicate; to give as a votive gift (with dative) ('water' + 'to send').

a-sa-ga: propitious water ('water' + sa_6-ga, 'to win fortune').

a-sal-bar: architrave ('water' + 'to spread' + 'to distribute, remove').

a...si: to be filled with water ('water' + 'to fill up').

a-silim: potion ('water' + 'health').

a-šà-(g): field; area ('seed' + 'womb'; cf., a-gàr; ašag).

a-šà-dib(-dib)-ba: the act of trimming the fields and levees of vegetation in preparation for drainage and irrigation ('fields' + 'to seize, bind, take away' + nominative).

a-ša$_4$: (cf., á-še).

a-še-ra: lamentation.

a-šed$_{12}$: cool water ('water' + 'cool').

a-$^{(IM)}$šèg̃-g̃á: rainwater ('water' + 'rain' + genitive).

a-šeš: bitter, brackish water ('water' + 'bitter, brackish').

-a-ta: after ... ('when' + 'away from').

a...tab: to hold or block water ('water' + 'to hold').

a-tar...aka: to play; to mock ('water' + 'to cut, break' + 'to do, act').

a...tu$_5$: to bathe ('water' + 'to wash').

a-tu$_5$-a: lustration ('water' + 'to wash' + nominative).

a...tùm: to flow with water ('water' + 'to bring, carry').

a-tur-ra, a-tùr, é-tùr: hollow (of the furrow) ? ('water' + 'birth-hut' for a plant seed ?; related to Orel & Stolbova #1323, ***hadar-** "darkness" ?).

a-ù: high water, spring flood ('water' + 'high').

a-u$_4$-te-na: at the cool of the day ('when' + 'day' + ten, 'coolness').

a-u$_5$-ba...g̃ál: to be at its high tide ('when' + 'on top' + bi, 'its', + a, nominative, + 'to be').

a-ugu$_4$[KU]: the father who begot one ('semen' + 'to procreate').

a úš-a: to dam up water ('water' + 'piling up an earthen dam').

a-zi-ga: rising waters ('water' + 'to rise up' + nominative).

a-zu; a-zu$_5$; a-su: physician (cf., azu).

á...ág̃: to command; to instruct (someone: -da-) ('strength' + 'to check').

á-ág̃-g̃á: instructions, orders ('strength' + 'to check', + a, nominalizer).

á-an-zú-lum-ma: date clusters; raceme ('arm, wing' + 'sky, high' + 'date fruit').

$^{g̃iš}$á-apin: part of a seeder plow ('arm' + 'plow').

á-áš: what one needs ('strength' + 'to wish, desire').

á-bi ba-ma-ta: at one-half its hire price ('wages' + 'its' + 'to divide' + 'to go' + 'from').

á...búru: to open the wings ('wings' + 'to spread out').

á-dab$_5$: hirelings ('wages' + 'to hire').

á-daḫ: help; ally ('strength' + 'to add').

á-dam: settlement; levy ('wages' + 'spouse').

á...dar: to confiscate ('wages' + 'to split').

á...dúb; á-dúb...aka: to flap one's wings (with -šè and -ši-, to fly towards) ('wings' + 'to flap' + 'to do').

á-ní-za...dúb: to be (supported) on your own ('wings' + 'self' + 'your' + 'to flap').

á...è: to bring up, rear; to take care ('strength' + 'to emerge').

á-gàr: embrace (?) ('arms' + 'something round and upraised').

á-gi$_4$-a: reimbursed wages ('wages' + 'to return, restore' + nominative).

á-gú-zi-ga: early morning ('arms' + 'necks' + 'rising', + a, nominalizer).

á...gur: to bend the arm ('arm' + 'circular motion').

á guruš-bi: workmen's wages ('wages' + 'workers' + 'its').

á...g̃ar: to act strongly; to oppress; to resist; to reinforce ('strength' + 'to establish').

á-g̃e$_6$-ba-a: at night ('side' + 'dark' + 'to divide' + locative).

Á-KAL: strength; plow extension ('arm' + 'strong').

á kaskal-la: migrant harvest workers ('arms, work performance' + 'road, caravan, journey' + genitive).

^{iti}á-ki-ti: calendar month 7 at Ur during Ur III; month 6 at Drehem through year 3 of Šu-Sin; calendar month 7 at Drehem after Šu-Sin 3.

á-kúš-ù: to prevail ('strength' + 'to be tired').

á-lá: fettered legs; paralyzed arms ('arms' + 'to bind').

$^{g̃iš}$á-lá: a device for moving irrigation water, involving a water bucket hanging from a swinging beam ('arm' + 'to hang').

^{kuš}á-lá: drum ('side' + 'to bind').

á-mi: (cf., ama$_{(4,5)}$, áme).

á-ná-da: bed chamber ('side, wing' + 'bed').

á-nu-gi$_4$-a: irresistable ('strength' + 'not' + 'to answer, return' + nominative).

á-sàg̃[PA]: disease; sickness demon ('strength' + 'to scatter').

^{kuš}á-si: whip ('arm' + 'antenna-like').

á-sikil(-la): pure, undiluted strength ('strength' + 'pure' + nominative).

á...sud/sù: to move [intransitive] (reduplication class) ('arm' + 'to stretch').

á-suḫ: elbow; bolt, bar ('arm' + 'to relocate').

$^{(urudu/zabar)}$á-sur: a type of ax ('arm' + 'to divide').

á-še: attention-getting exclamation: 'hey now!'.

á-šita$_4$, á-šu-du$_7$: parts, components (of the plow); equipment ('arm' + 'to join'/'to complete').

á...-ta: at the prompting of; by means of the strength of ('strength' + instrumental suffix).

á...tál: to have broad arms; to spread wings or arms ('arms; wings' + 'to be broad; to spread').

á-tuku: strength; able-bodied; mighty man ('arms; strength' + 'to have').

á-u_4-te-en: in the evening ('side' + 'daylight' + 'to extinguish, cool down').

á-úr: limb, limbs, extremities ('arms' + 'legs': Sumerian example of asyndetic hendiadys).

á-zi(-da): right arm; with hitting, violence ('arm' + 'good, firm, right' + 'with').

ab-(ba): (cf., aba).

ab-ba: father; elder; ancestor (Akk. loanword).

$^{\tilde{g}iš}$ab-ba: (cf., g̃iš-ab-ba(-k)).

ab-ba-uru: city elder ('elder' + 'city').

^{iti}ab(-ba)-è: calendar month 10 at Nippur during Ur III.

ab-ki-iz: clean furrow, unobstructed by weeds ('niche' + 'trimmed').

ab-làl: phonetic writing of $ablal_{(3)}$.

ab-sín; ab-si-im-ma; ab-sù-na: furrow ('niche' + 'to sift').

ab-sín-gilim-ba/ma: crossing, transversal furrow, possibly for drainage ('furrow' + 'to cross plow' (+ 'its') + nominative).

áb-ama: mother cow ('cow' + 'mother').

áb-amar: mother cow ('cow' + 'calf').

áb-gir_{15}/gi_7[KU]: domestic cow ('cow' + 'domestic').

áb-gud-ḫá: herd ('cow' + 'bull' + 'assorted, mixed').

áb-máḫ[AL]: cow in 3rd year of life that has calved ('cow' + 'calf').

áb-sag̃: a piece of tableware (?).

áb-úr: a piece of tableware (?).

ad-da: (cf., ada).

ad...gi_4: to echo; to ponder; to take counsel (with someone: -da-) ('shout' + 'to answer').

ad...gi_4-gi_4: to give counsel; to converse (confidentially) (cf., ad...gi_4).

ad-kub_4[KID]: reed weaver; wicker-worker; maker of reed mats, boats, and containers.

ad-kíd: reed mat plaiter ('father' + kid, 'reed mat').

ad...$ša_4$: to wail; to resound; to sing ('song' + 'to mourn').

ad-tab: rein(s) ('shout' + 'to hold; to be double').

$aga_{(3)}$-ús: policeman; companion, attendant; soldier ('crown' + 'to follow').

àga-rí(-na): (cf., $agarin_{(2,3)}$ or $agarin_{4,5}$).

aḫ-du_{11}-ga: spittle (of sorcery) ('spittle' + 'utterance').

aḫ...$uš_7$[KA×LI]: to spit ('saliva' + 'spittle').

-/ak-eš/: because (genitival suffix + adverbial suffix).

al...aka: to work at hoeing ('hoe' + 'to do').

al...di/dug$_4$/e: to desire, pray, demand, insist (often with -ni-) ('hoe' + 'to make the motion of').

al...dù: to hoe ground that is already broken ('hoe' + 'to mould, shape').

al-gazum$_x$ [ZUM+LAGAB]: an exotic spice.

$^{\text{ĝiš}}$al-ĝar: musical instrument ('hoe' + 'form, appearance').

$^{\text{ĝiš}}$al-ĝar-sur$_9$: musical instrument ($^{\text{ĝiš}}$al-ĝar, + 'to hang, suspend' [suru$_5$?]).

$^{\text{ĝiš}}$al-la-an: oak tree (Akk. loanword from *allaanum*, 'oak', cf., Orel & Stolbova #31 ***'alan-/*'alun-** 'tree').

al-la-ḫa-ru: a tanning agent used to produce a white color.

al-lu$_5$: crab ('digger' + 'to deceive').

al-lub/lu$_5$: a type of ax (phonetic harmony variant of al-šub ?).

al-lu$_5$-ḫáb: a type of net (for crabs ?) ('crab' + 'to stink').

$^{\text{ĝiš}}$al...ri/ra: to demolish with the hoe; to punish ('hoe' + 'to break open; to strike').

$^{\text{ĝiš}}$al-šub: ax-like hoe ('hoe' + 'to throw; to fell').

al...tag: to hoe ('hoe' + 'to handle').

$^{\text{ĝiš}}$al-tar: demolishing tool (?) ('hoe' + 'to cut, break').

am-si: elephant ('wild ox' + 'horn, ray, antenna'; cf., šu-si, 'finger').

ama-a-tu/tud: (cf., emedu).

ama-ar-gi$_4$: freedom ('mother' + 'to shine' + 'to restore').

ama-gan; ama-ugu: natural or birth mother ('mother' + ùgun, ugu$_{(4)}$, 'to beget').

$^{\text{iti}}$amar-a-a-si: calendar month 10 at Lagaš during Ur III.

amar-kud: separated, weaned young animal ('calf' + 'to cut away from').

an-ba: refuse; litter; dirt ('open air' + 'to give up').

AN.BAR: (cf., barzil).

an-bar$_7$[NE]; an-bar: noon; midday ('sky' + 'to be bright').

an-bir$_8$[A-SUD]: noon; midday rest ('sky' + 'to be hot' ['WATER' + 'TO SIP']).

an-dùl: shade; protection ('sky' + 'to cover, protect').

an-edin: high plain ('high' + 'steppe').

an-ga-àm: likewise (cf., in-ga-na-nam).

an-gur$_4$: (cf., engur).

an-ĝá: and yet (affirmative prefix ? + 'exists').

an-kára: (cf., enkara).

an-ki: universe ('sky' + 'earth').

AN.MUL: starry sky (verify than AN is not the rare sign ŠÚ; cf., kunga [ŠÚ.MUL]).

an-na: tin; yes ('sky' + 'stone'; Civil thinks an-na, 'yes', is probably an Akkadianism, but cf., affirmative na-nam, 'indeed' and in-nu, 'negation').

an-na...dug_4/e: to say yes ('yes' + 'to say').

an-nisig(-ga): beautiful sky, blue sky ('sky' + 'beautiful, blue').

an-pa: zenith ('sky' + 'branch' of sun dial ?).

an-SAR: (cf., an-nisig).

an-sig_7-ga: the beautiful sky ('sky' + 'to be beautiful' + nominative).

an-$ša_4$-an^{ki}: Anshan - place name for powerful city in Elam - Tall-i Malyan near Persepolis in the Fars province of Iran.

an-šár(-ra): all of heaven, the whole sky ('heaven' + 'totality, horizon').

an-še: ear of grain ('grain ear' + 'grain, barley').

an-ta: above ('heaven' + locative with remote deixis).

an-ta-g̃ál: high, superior ('sky; high' + 'from' + 'to be').

an-ta...gi_4: to meet ('heaven' + 'from' + 'to return').

an-ta-sur-ra: a stone ('heaven' + 'from' + 'boundary marker' + nominative).

an-ub-da: regions; "quarter" ('sky' + 'corners' + 'with').

an-úr: horizon ('sky' + 'base, floor').

an-uraš: heaven and earth; universe ('heaven' + 'earth').

an-usan: evening ('sky' + 'evening').

an-za-kàr: tower, fort ('heaven' + 'stone' + 'round, high thing').

an-zag, an-zà: where heaven ends ('heaven' + 'side, boundary').

an-zaḫ: heated or fused lead (an, 'tin' + 'to be calm').

anše-bala: pack-ass ('equid' + 'to cross over, deliver').

anše-bar-an-mi_2: female donkey ('equid' + 'foreign' + 'high' + 'female').

anše-bar-an-$nita_2$: male donkey ('equid' + 'foreign' + 'high' + 'male').

anše-bìr: ass yoked in a team ('equid' + 'team').

anše-dub: ass registered on a tablet ('equid' + 'tablet').

anše-du_{24}-ùr: (cf., dur_9[ŠUL]).

anše-edin-na: wild ass ('equid' + 'steppe' + a(k), genitival postposition).

anše-g̃iš: workass ('equid' + 'tool').

ANŠE-ka: one of the best groups of people.

anše-kunga$_{(2)}$: mule ('horse' + 'donkey').

anše-mar: chariot or wagon ass ('equid' + 'wagon').

^{iti}apin-dug-a: calendar month 8 at Nippur during Ur III.

APIN-lal: cultivating leasehold land ('plow' + 'to pay').

^{ğiš}apin-numun: plow fitted with seeder attachment ('plow' + 'seed').

apin-ús: plowman's helper ('plow' + 'to follow; to be next to').

ar$_{(2)}$...de$_6$/túmu: to praise ('praise' + 'to bring').

^{ğiš}ar-ga-nu-um: a coniferous tree (Akkadian loanword ?).

ár...e/i: to praise ('praise' + 'to speak; to send forth').

aš-me: sparkle, glimmer; sundisk; star symbol; rosette ('unique' + 'function, power').

áš á-zi-ga...bal: to curse with violence ('curse' + 'raised arms' + 'to deliver').

áš...bal: to curse ('curse' + 'to deliver').

áš...dug$_4$/e: to curse ('curse' + 'to speak/effect').

^{SAL}ÁŠ.GÀR: (cf., zeḫ).

áš...gi$_4$: to answer with a curse ('curse' + 'to answer').

áš...mú: to curse ('curse' + 'to blow, speak').

áš...sar: to curse ('curse' + 'to write').

^{ğiš}az-gú: neck-stock ('fetter' + 'neck').

ba-ab-si: it is more (conjugation prefix + inanimate direct object prefix + 'to be full, sufficient').

ba-al: to dig (a canal); to channel ('to divide' + 'digging stick').

ba-an: a measure for bread and flour.

^{ğiš}ba-an: a container.

ba-ba: pudding, malt-sweetened porridge.

ba-da-ra: poniard (Akk. *patarru*, *pattaru*).

ba-lá: it is less (conjugation prefix + 'light, deficient').

ba-rV: to fly, flee (cf., bad, bar).

ba-ra: modal prefix - with *marû* denotes vetitive; with *hamtu* denotes negative affirmative.

ba-ra(-g): to spread out (cf., bara$_4$).

^{ğiš}ba-rí-ga: bushel; square-based measuring vessel = 6 bán in all periods (= 36 liters in Old Sumerian period and 60 liters in Old Akkadian and Neo-Sumerian period) (cf., bariga).

ba-ta-tur; ba-ra-tur: it is short (conjugation prefix + earlier/later ablative case prefix + 'small, insufficient').

ba-za: halt or lame person (cf., ki...za).

ba-zi: dispersed ('to divide' + 'to go out').

bàd-niĝin: circular city wall ('city wall' + 'enclosure, circle').

bàd-si: parapet, battlement ('city wall' + 'long, narrow').

bàd-si-an-na: high battlements ('parapet' + 'to be high' + nominative).

bàd-šul-ḫi; bàd-sìl-ḫi: outer wall ('city wall' + 'invader'/'path' + 'numerous').

bala-šè...aka: to transport ('goods delivery' + 'towards' + 'to do').

bala-dab$_5$-ba: worker hired to work for a bala' period ('term' + 'to hire' + nominative).

bala éš-kàr: fraction of an assignment ('term, portion' + 'work assignment').

bala-gub-ba: worker stationed to work for a bala' period ('term' + 'to stand' + nominative).

^{ĝiš}bala...sir$_5$: to spin with a spindle ('spindle' + 'to spin').

balaĝ-íl: harp or lyre carrier ('harp' + 'to lift').

balaĝ-ír-ra: lamentation harp ('harp' + 'lamentation' + genitival a(k)).

bàn-da: (cf., bànda).

bar...aka: to choose; to examine ('to open; to see; to select' + 'to do').

bar-tam...(ak): to choose ('to open; to see; to select' + 'polished, shiny' [+ 'to do']).

$^{(ĝiš)}$bar-bar: part of a weaver's loom (shuttle ?).

^{ĝiš}bar-bé-da: a tool.

bar...dab$_5$: to escape ('outside' + 'to take away').

bar...dag: to wander far away ('outside' + 'to roam about').

^{ĝiš}bar-dil: a type of plow (rare outside of lexical lists).

bar-dúb-ba: a good price ('to split, distribute' + 'to knock down' + nominative).

^{ĝiš}bar-e$_{11}$-dè: rope braiding lever ('outside' + 'to descend' + participial ending).

bar-edin-na: edge of the desert ('side' + 'steppe' + genitival a(k)).

bar-ég-ga: outer side of the levee ('outer side' + 'levee' + genitival a(k)).

bar...gub: to step outside ('outside' + 'to stand').

bar-ta...gub: to withdraw from ('side' + 'to stand aside').

bar-gùn-gùn-nu: chameleon ('sides' + reduplicated 'to be multicolored' + nominative with vowel harmony).

bar...ĝál: to be outside; to be extra ('outside' + 'to be').

bar-ĝál-la: unsheared ('fleece' + 'to be in place' + nominative).

bar-lá: part of an irrigation system ('outside' + 'to lift').

bar-LU: one of the best wool blends.

bar-rim$_4$[KAŠ$_4$](-ma): dry land ('to uncover' + 'to travel fast'?; cf., parim).

bar-šèĝ-ĝá(-e): violence; mist ('outside' + 'to rain' + loc./term. suffix).

$^{(mi)}$bar-šu-ĝál: midwife ('innards' + 'hand' + 'to place').

bar-TÚG: a long coat ('outside' + 'woven garment').

bar-ùl[KIB]: dog chain ('outside' + 'leash').

bar-ús^{urudu}: copper-tipped goading stick ('side?; metal?' + 'to drive'; cf., kak-ús).

^{iti}bára-zà-ĝar: calendar month 1 at Nippur during Ur III.

bar$_6$-bar$_6$: (some prefer this reading, but cf., bábbar).

bar$_7$-bar$_7$-ra: flames (reduplicated 'to shine' + nominative).

-bi-da(-ke$_4$): and ('with it').

bi-bi-zé: to drip (reduplicated biz, 'to pour').

bi-iz: drop (of water); dripping, melting (cf., biz, 'to pour').

bí-ra: mixed, mingled (bir, 'to scatter, mix' + nominative).

bí-za-za: frog (za, 'a repeated, monotonous noise').

bir...aka: to sow broadcast (not in furrows with a plow); to dehusk ('to scatter' + 'to do').

bír-bír: (cf., babbar).

bìr-inim-kéš-de$_6$: contractually bound worker ('team' + 'oath, agreement' + 'to bind').

^{ĝiš}bìr-mar: wagon yoke ('team' + 'wagon').

bu-lu-úḫ...si-il: to belch ('to tear out' + 'to be numerous' + 'saliva' + 'to tear apart').

bu-úḫ; bu-luḫ: to tremble ('to tear out' + 'saliva' or 'to clean'; cf., buluḫ).

^{gi}bún-ĝìr: feet bellows ('to blow; bellows' + 'foot').

^{gi}bún-šu: hand bellows ('to blow; bellows' + 'hand').

bur-BÚN.SÁ: a stone vessel.

bur-šál-la: a stone vessel ('stone vessel' + 'measuring pot' + nominative).

buru$_{14}$...su-su: to have the harvest be drowned (by spring floods bursting the dikes) ('harvest' + 'to drown').

^{lú}da-ba-ri-ri: contortionist (cf., da-ri).

da-da-ga: (cf., dadag).

da-ga: organization; chamber (dag, 'to stretch' + nominative).

^{ĝiš}da-pa: part of a seeder plow (?).

da-ra-an-šub: negligence ('to drop, let fall').

da...ri: to pay off a delivery (?; with dative) ('to protect' + 'to exchange').

da-ri: to bend (limbs) ('arm' + rig; ri, 'to pull').

da-ri: driver (of animals) ('to protect' + rig; ri, 'to bring, tend').

da-ri-a: driven (animal) (da-ri + nominative).

da-rí[URU]: long-lasting, enduring, eternal ('near, present' + remote demonstrative affix ?).

da-rí-šè: forever ('eternal' + 'towards').

lúdab$_5$-ba: hired man ('to hire' + nominative).

dag-gi$_4$-a: city quarter ('dwellings' + 'to surround, lock up' + nominative).

dağal-búru: spread out over a wide extent ('wide' + 'to spread out').

dağal-tag(-ga): widely based ('wide' + 'to handle, touch' + nominative).

dal-ba(-an)-na: between (dalla, 'beam, ray' + 'to divide' + ?).

dalla...è: to shine; to appear; to make clear; to make resplendent ('beam of light' + 'to become visible').

dam-ab-ba: (professional) mourners ('spouse' + 'elder, ancestor').

ğišdam-apin: part of a seeder plow ('spouse' + 'plow').

dam-gàr(-a): merchant (Akk. loanword from *tamkaarum*, 'merchant', cf., *makaarum* 'to do business').

dam-ḫa-ra: battle (Akk. loanword from *tamhaaru(m)*).

dam...tuku/du$_{12}$-du$_{12}$: to marry ('spouse' + 'to get').

dar-ra: cured, dried (?).

dè-dal: ashes ('ashes' + 'to fly').

di-bi-da: donkey ('to go, conduct oneself' + 'it' + 'with').

di...dab$_5$: to take up a lawsuit ('lawsuit' + 'to take').

di-dab$_5$-ba: decision ('decision' + 'to take' + nominative).

di-di: to play (an instrument) (cf., dug$_4$).

di...dug$_4$/du$_{11}$/e: to conduct a trial; to give a claim; to sue someone (with -da-) ('lawsuit' + 'to effect').

di...gub: to judge ('judgment' + 'to set up').

di-ir-ga: cultic organization center.

di-kud/ku$_5$: judge; judgment ('decision' + 'to cut off').

di...kud/ku$_5$: to judge ('decision' + 'to cut off').

di-kúr: alien, hostile judgment ('decision' + 'hostile').

di-li-du-a: (cf., dili-du(-a)).

di-ri: (cf., dirig).

di-til-la: law case for which a final decision has been given ('verdict' + 'to complete' + nominative).

di$_4$-di$_4$-ba: walking about (phonetic for dib, reduplicated + nominative).

di$_4$-di$_4$-la: children.

ğišdib-dib: clepsydra, water clock (onomatopoeic or reduplicated 'to pass, traverse').

diĝir-da...nu-me-a: without a (personal) god ('god' + 'with' + 'not' + 'to be' + nominative).

dili-dili, dil-dil: one by one (cf., didli) (reduplicated 'one').

dili-du(-a): walking alone; individual (dili, 'alone' + 'to walk' + nominative).

dìm-šáḫ: bear (the animal) ('sickness demon' ? + 'domestic pig').

DIM_4.SAR(-d): maltman.

dirig-...-še: beyond ('to go over' + 'to the').

DU.DU: (cf., $la\underline{h}_5$).

du-lum: burden, labor, work ('to walk' + 'to make productive').

du-rí: (cf., da-rí).

DU-zu: (read ara_x-zu; cf., a-ra-zu).

dú-ru-na(-àm): (cf., duruna).

iti du_6-kù: calendar month 7 at Nippur during Ur III.

du_6-ul: to heap up, store, gather (cf., $dul_{(6)}$).

du_7-na-bi: adv., in the proper way; if you please ('fitting, suitable' + ? + adverbial force suffix).

du_8-du_8: weaned young (reduplicated 'to untie, loosen').

du_{10}: (cf., dùg).

du_{10}-sa: friend, companion ('gladness' + 'to repay').

du_{10}-ús: road ('good' + 'to follow').

du_{11}-ga: utterance; speech ('to speak' + nominative).

du_{14}...ak/ĝar: to quarrel (with someone: -da-) ('quarrel' + 'to do').

du_{14}...mú: to start a quarrel ('quarrel' + 'to ignite').

du_{24}-ùr: (cf., dur_9[ŠUL]).

lú dub-alal-urudu: a temple servant ('to pour' + 'pipe' + 'copper').

gi dub-ba-an: pillar made of reeds; a fence made of such pillars ('to heap up' + 'to divide' + 'to be high').

dub-bi...bala: to go over the account (with -da-) ('tablet' + 'its' + 'to pass through').

dub-dab...za: to thud, thump (see the definition for za).

dub-lá: platforms on either side of a portal ('to heap up' + 'to lift').

dub-saĝ: leader ('list' + 'head').

dub-sar: scribe ('tablet' + 'to write').

dub-sar-tur: young scribe ('scribe' + 'small, young').

dub-sar: scribe ('tablet' + 'to write').

dub-šen: copper box, treasure chest ('to store' + 'shiny').

dug-a-nag-nag: water drinking vessel ('vessel' + 'water' + reduplicated 'to drink').

dug-níĝ-nag: drinking vessel ('vessel' + 'object' + 'to drink').

dug-tur: a standard capacity jar = 5 liters ('jar' + 'little').

dùg/du_{10}...aka: to repair ('gladness' + 'to make, cause').

dùg...bad(-bad): to stride, hurry ('knees' + 'to open').

dùg...dúb: to rub the knees (?) ('knees' + 'to flop').

kuš dùg-gan: leather bag ('gladness' + 'to bring forth').

dùg...gúr: to sit down; to rest ('knees' + 'to bend').

dùg...ĝál: to be pleased, satisfied ('gladness' + 'to be available').

dùg...ĝar: to kneel down, for someone: dative ('knees' + 'to place').

dùg-tuku: strong-legged ('knees' + 'to own').

dùg-ud-ak: politeness (cf., dùg/du_{10}...aka).

dùg...zil: to run, flee ('knees' + 'to cut').

dum-dam...za: to grumble (see the definition for za).

dumu-aš: only son ('child' + 'one').

dumu-dab_5-ba: serf ('child' + 'to seize, hire').

DUMU-DUMU-LA: (cf., di_4-di_4-la).

dumu-ga.$eš_8$: deputy (?) of a merchant ('child' + 'merchantman').

dumu-gal: eldest son or daughter ('child' + 'large').

dumu-gir_{15}/gi_7: freeborn man, Sumerian [in contrast to slaves from foreign countries] ('child' + 'native group').

dumu-KA: grandson.

dumu-lú: gentleman ('child' + 'gentleman').

dumu-lugal(-/ak/): prince ('child' + 'king' + genitive).

dumu-mí: daughter ('child' + 'feminine').

dumu-mí-lugal(-/ak/): princess ('child' + 'female' + 'king' + genitive).

dumu-me-KA.UD: a cult servant ('child' + 'function' + ?).

dumu-nitaḫ: son; (cf., ibila) ('child' + 'masculine').

dumu-saĝ: first-born child ('child' + 'principal').

dumu-tab: twin sons ('child' + 'pair').

dumu-tu-da: son (born) of ('child' + 'to beget' + nominative).

iti d dumu-zi: calendar month 12 at Umma during Ur III.

(lú) DUN-a: dependent (on), subordinate ('subordinate' + nominative).

gišdun-gi: a tool; a type of yoke (?) ('to scrape, dig' + 'reed' or 'firm, strong').

dùn-lá: depression ('to bring low' + 'to hang'; cf., íl-lá, 'elevation').

dúr-dúr: dam to create a reservoir; (cf., duruna; durun$_x$) (reduplicated 'buttocks; to dry out').

dúr...g̃ar: to sit ('buttocks' + 'to set down upon').

dúr-ki...g̃ar: to establish one's dwelling ('to dwell (plural)' + 'place' + 'to establish').

g̃išdúr-g̃ar: chair; throne.

dúr-ru-un: to sit (plural); (cf., duruna; tuš).

dúr-šáḫ: ham ('buttocks' + 'domestic pig').

dùr-KAS$_4$: donkey foal.

dur$_{10}$-tab-ba: double ax ('ax' + 'to be double' + nominative).

dusu...lá: to carry a basket ('transportation basket' + 'to lift').

e-el[SIKIL]-lu: a (pure) sound (Akkadian *ellu*, 'clear, pure').

kuše-íb-ùr: siege shield ('dike' + 'middle, loins' + 'roof').

e-li-lum: cry of joy.

e-ne: he, she; him, her.

e-ne-àm: he is indeed (formal 3rd person pronoun + 'to be').

e-ne...dug$_4$/di/du$_{11}$/e: to play (3rd person pronoun + 'to do').

e-ne-gim: like himself (3rd person pronoun + equative).

e-ne-ne: they; them.

e-ne-sù-ud...dug$_4$/du$_{11}$/e: to rejoice; to copulate (with -da-) ('to play' + sud, 'to lengthen; to immerse').

e-pa$_5$(-r): hydraulic system (of a particular farmer or of the land as a whole) ('levees' + 'irrigation ditches'; asyndetic hendiadys).

g̃iše-ra-núm: a tree and wood used for construction (cf., erin, eren).

e-re-sì-ki-in: servant (?).

e-ri-iš: queen, lady.

e-si-na; ì-si-na: culm or stalk of barley.

kuše-sír: sandal; shoe (cf., èsir).

e-sír-ra: in the streets ('sandals' + locative).

e-še-á: a type of canal or ditch.

e-ùr: armor (cf., kuše-íb-ùr).

e-zé: you.

é-a-nir-ra: house of mourning ('house' + 'lamentation' + genitive).

é-a-nir-ra-gal-gal-la: euphemism for the netherworld ('house of mourning' + reduplicated 'big' + genitive).

é-a...ti(-l): to live in a house ('house' + locative + 'to live').

é-ad-da(-/ak/): the house of one's fathers ('house' + 'father' + genitive).

é-an-na: sanctuary ('house' + 'Heaven' + genitive).

é-anše: donkey stable ('house' + 'equid').

é-ba-an: an adjective denoting a very fine quality.

é-BAPPIR: (cf., é-lùnga).

é-bar-ra: outer house ('house' + 'outside' + nominative).

é...bùr: to break into a house (reduplication class) ('house' + 'to break into').

é-da[-di-a]: a flour offering.

é-dù-a: house plot ('house' + 'to build' + nominative).

é-dub-ba: archive; school ('house' + 'tablet' + genitival a(k)).

é-duru$_5$: hamlet, rural settlement, suburb ('houses' + 'fresh'; cf., Akk. *adurû*, 'village, outpost' and Orel & Stolbova #658, ***dar**- 'dwelling place').

é-ta...è: to leave the house ('house' + 'from' + 'to exit').

é-éše: jail ('house' + 'rope').

é-gal: palace ('house' + 'large').

é-ganba: warehouse ('house' + 'marketplace').

é-g̃ar: form, shape ('house' + 'form, appearance').

é-g̃ar$_8$: brick wall (cf., eg̃ar).

é-gi$_4$-a: daughter-in-law; prospective bride ('the one who restores the house').

é-ì-gára: dairy ('house' + 'fat' + 'cream').

^{iti}é-iti-6: calendar month 8 at Umma during Ur III.

é-kaš: a public house, pub ('house' + 'beer').

é-KI.LAM: a storehouse ('house' + 'place' + 'abundance').

é-^{na4}kín-na: mill house, mill ('house' + 'millstone' + genitival a(k)).

é-kišib(-ba): storehouse ('house' + 'receipt' + genitival a(k)).

é-kur: prison ('house' + 'netherworld').

é-lunga$_{(2,3)}$: beerhall; brewery ('house' + 'brewer').

é-mar-uru$_5$[GUR$_8$]: arrow quiver ('house' + 'to immerse' + 'high, deep').

é-me-eš: summer ('houses' + 'are' + 'many').

é-mí: "woman's house" ('house' + 'woman').

é-muḫaldim[MU]: bakery, kitchen ('house' + 'baker, cook').

é-NI: treasure-house (?).

é-níĝ(-gur$_{11}$[GA]-ra): storehouse, treasure-house ('house' + 'things' [+ 'piled up']; cf., saĝ-níĝ-gur$_{11}$-ra(-ak)).

^{lú}é-níĝ-ka: (cf., lú-é-níĝ-ka).

É-NUN: (cf., agrun).

é-ri-a: (cf., a-ri-a).

é si-ga: a quiet house ('house' + 'silence').

é-sig$_4$: wall ('house' + 'brick'; cf., iz-zi).

é-šag$_4$/šà: house interior; (temple) cella ('house, temple' + 'midst').

é-šu-sì-ma: warehouse ('house' + 'portion' + 'to put, surround' + 'to bind').

é-^{ĝiš}tukul: armory ('house' + 'weapon').

é-tùr: cattle pen ('house' + 'stable').

é-u$_4$-sakar[SAR]: new moon ('house' + 'day' + 'to begin').

é-u$_4$-7: first crescent moon ('house' + 'day 7').

é-u$_4$-15: full moon ('house' + 'day 15').

é-ubur: milking pen ('house' + 'teat').

é-ùr-ra: storehouse ('house' + 'rafter beams').

é-ùru...gíd: to keep watch over a house ('house' + 'watch fire' + 'to reach out, manage').

é-uz-ga: fattening house ('house' + 'goose' + 'milk').

e$_5$-ĝar: brick wall (cf., eĝar).

ég dal-ba-na: a dike that is shared by two watercourses or by two fields ('levee' + 'between').

ég kal-kalag-ga: to reinforce the levees ('levees' + 'to repair, mend' + nominative).

ég sa-dúr-ra: wide levees at the low-lying end of a field which halted and contained the water for irrigating the field ('levees' + 'low-lying end of a field').

ég si-ga: the work of piling up a levee ('levee' + 'to increase, fill').

ég-ég/e ú-saĝ$_{11}$-e/a: reinforcement of the levees with cut/bundled plants/reeds ('levees' + 'fascines').

eme-dar: a tool, utensil ('tongue' + 'to slice, smash').

eme...è/e$_{11}$: to stick out the tongue ('tongue' + 'to send forth').

eme-gilim-ma: confused speech ('tongue' + 'to be twisted, tangled' + nominative).

eme-gir$_{15}$/gi$_7$: Sumerian language ('tongue' + 'native').

eme-ĝír: dagger blade ('tongue' + 'dagger').

eme-ḫa-mun: contrasting speech or languages (e.g., Sumerian and Akkadian) ('tongue' + 'mutually opposing').

^{ğiš}eme-numun: an agricultural tool ('tongue' + 'seed').

^{ğiš}eme-sa-du$_{8}$-a: a tool ('tongue' + 'net' + 'open' + nominative).

eme-si-nu-sá: describes a person 'whose speech is not right' ('tongue' + si...sá, 'to do something in the right way' + 'not').

^{ğiš}eme-sig: ship plank ('tongue' + 'small').

eme-sig...dug$_{4}$/du$_{11}$/e: to slander ('tongue' + 'low; small' + 'to speak').

eme-sig...gu$_{7}$: to slander ('tongue' + 'low; small' + 'to consume'; cf., inim-sig...gu$_{7}$).

eme...šub$_{6}$[ŠID]: to lick with the tongue ('tongue' + 'to lick').

eme-ŠID: lizard ('tongue' + 'to consider, measure').

en-mur: a resin, possibly myrrh ('lord' + 'lungs').

en-na (...-a): until; as long as ...; everywhere ('time, enigmatic background' + nominative).

en-na-bi-šè: until now; until the time ('time' + 'this one' + 'towards').

en-nu(-un/ùğa)...dù/ak: to watch; to guard against.

^{lú}en-nu(-un)(-ğá): watch, guardian; watch (as a division of night time); imprisonment; prison.

en-nu-un/ùğa...dù/ak: to watch; to guard against.

en-te-en-na(-/ak/): the cold season, wintertime ('time' + 'cold' + genitive).

én-é-nu-ru: introductory formula for exorcism/incantation texts ('enigmatic background' + 'house' + 'image, likeness' + 'to send').

^{gi}èn-bar: reed, reeds (cf., ambar, 'reed-bed').

èn-du: song ('time' + 'to walk'; note du$_{12}$, 'to sing').

èn-šè(-àm): until when; how long ('time; until' + terminative postposition, 'up to' [+ enclitic copula]).

èn...tar: to ask (someone: dative); to investigate; to take care of; to handle; to pay attention to, heed ('enigmatic background' + 'to determine, inquire').

èn-tukum-šè: for how long ('time' + 'if' + terminative postposition).

engar-gu$_{4}$(-ra): ox-ploughman ('farmer' + 'ox').

ér...ğá-ğá: to set up a lament ('lamentation' + 'to make').

ér...pàd/pà: to burst into tears; to cry, weep ('tears' + 'to show').

ér-ra: mourning, lamentation ('tears' + nominative).

ér...sig$_{7}$: to lament ('tears' + 'to complain').

ér-šem$_{3,5}$-ma compositions concerning the gods sung by the gala priests in the Emesal dialect to the accompaniment of a tambourine ('wail' + 'tambourine' + genitive).

ér...šeš$_{2,4}$/še$_{8}$-še$_{8}$: to cry, weep ('tears' + 'to weep').

erin-bábbar: white cedar (wood) ('cedar' + 'white').

érin še-gur$_{10}$-gur$_{10}$: harvest workers ('gang of workers' + 'grain' + reduplicated 'sickle; to reap').

ésir-é-a; esir-è-a; ésir-ḫá: asphalt ('bitumen' + 'to go out' + nominative).

eš-bar: decision ('much' + 'to divide'; cf., ka-aš-bar).

eš-bar-kíg̃-du$_{11}$-ga: pronounced decision ('decision' + 'message, order' + 'to speak' + nominative).

eš$_{(2,3)}$-da: ceremony; a type of vessel, goblet ('shrine' + 'with; to be near').

eš$_{2,3}$-dam: epithet of a temple of the bride-goddess Inanna; brothel; tavern ('shrine' + 'spouse').

éš-gán: surveyor's rope ('rope' + 'surface measure').

éš-kàr, éš-gàr: task; one man's daily work assignment; the oxen or plows which perform a task; to be assigned for someone's benefit ('measuring tape' + 'something round and upraised').

^{lú}éš-gíd: surveyor ('measuring rope' + 'long').

éš-kir$_{4/6}$: nose rope (cf., eškiri) ('rope' + 'muzzle/nose').

èš-èš: a festival (All-Shrines) (reduplicated 'shrine').

^{iti}ezen-^{d}Amar-Sin: calendar month 7 at Umma during years 6 - 8 of Amar-Sin.

^{iti}ezen-An-na: calendar month 10 at Drehem through Šu-Sin 3; calendar month 11 at Drehem after Šu-Sin 3; calendar month 11 at Ur during Ur III.

^{iti}ezen-^{d}Ba-ba$_{6}$: calendar month 8 at Lagaš during Ur III.

^{iti}ezen-^{d}Dumu-zi: calendar month 6 at Lagaš during Ur III.

^{iti}ezen-^{d}Li$_{9}$-si$_{4}$: calendar month 3 at Lagaš during Ur III.

ezen-maḫ: great festival ('feast' + 'great').

^{iti}ezen-maḫ: calendar month 9 at Drehem through Šu-Sin 3; calendar month 10 at Drehem after Šu-Sin 3; calendar month 10 at Ur during Ur III.

^{iti}ezen-me-ki-g̃ál: calendar month 11 at Drehem through Šu-Sin 3; calendar month 12 at Drehem after Šu-Sin 3; calendar month 12 at Ur during Ur III.

^{iti}ezen-^{d}Nin-a-zu: calendar month 5 at Drehem through Šu-Sin 3; calendar month 6 at Drehem after Šu-Sin 3; calendar month 6 at Ur during Ur III.

^{iti}ezen-^{d}Šu-^{d}EN.ZU(Sin): calendar month 8 at Drehem in year Šu-Sin 3; calendar month 9 at Drehem after Šu-Sin 3.

^{iti}ezen-^{d}Šul-gi: calendar month 7 at Drehem through Šu-Sin 3; calendar month 8 at Drehem after Šu-Sin 3; calendar month 8 at Ur during Ur III; calendar month 7 at Lagaš during Ur III; calendar month 10 at Umma after year Šulgi 30.

ga-ab-kar-re: (cf., gaba-kar).

ga-áb-kù-ga: milk from pure cows ('milk' + 'cow' + 'pure' + genitive).

ga-áb-sig$_{7}$-ga: milk from beautiful cows ('milk' + 'cow' + 'beautiful' + genitive).

ga-an-tuš: (cf., gan-tuš).

ga-an...za(-za): to drip; to bubble ('milk' + 'sky, air' + 'to make a repetitive noise').

ga-an-zír[ŠÈ-KA]: entrance to the netherworld (cf., ganzer).

ga-àr-ra: powdered or finely grated cheese ('milk' + 'to grind' + nominative).

ga-arḫuš-a(-ke_4): the milk of mercy ('milk' + 'womb; compassion' + genitive).

ga-ba-al...dù: to challenge, contradict, quarrel (either related to gaba, 'rival' or Akkadian *qablum*, 'controversy' + 'to make').

ga-ba...g̃ál: (cf., gaba...g̃ál).

ga-ba-kar-re: (cf., gaba-kar).

ga-ba-ra-ḫum: revolt (gaba, 'rival' + 'to overflow' + 'to wrestle, smash, break').

ga-$du_{(7)}$: lintel (above a door) (? + du_7, 'to finish, complete').

ga-$eš_8$: merchantman (compare ga-sa_{10}).

ga...gu_7: to nurse/feed with milk ('milk' + 'to feed').

ga-gu_7-a: suckling foal ('milk' + 'to feed' + nominative).

ga-kug: (cultically) pure milk ('milk' + 'pure').

ga-mur_x[LAK 490]: a type of cheese ('milk' + 'strained in cheesecloth' ?).

ga-nam-me-àm: it is indeed (affirmative + 3rd person pronoun + 'to be').

ga-ra-an-da: bearing fruit (cf., gurun).

ga-$raš^{sar}$: leek(s) (Akk. loanword).

ga-zum: carding (wool).

$^{g̃iš}$ga-zum: comb (don't know why some read ga-ríg - the Akkadian is *kaa,sum* and *gazzum*).

ga-sa_{10}: tradesman ('let me buy!').

ga-sub-ba: milk sucking ('milk' + 'to suck' + nominative).

ga-ša-an: lady (cf., gašan).

ga-še-a: milk for barley porridge; sour milk ('milk' + 'barley' + locative).

ga-ti: plea, petition ('let me live!').

ga-zi-in-bu: stake (for impalement).

gaba-diri-ga: enormous strength ('rival' + 'to go over, exceed' + nominative).

gaba(-na)...dug_4: to speak against (someone) ('rival' + 3rd person with locative + 'to speak').

gaba-gi_4: opponent; opposition ('rival' + 'to besiege').

gaba-g̃ál: strength ('chest' + 'to be available').

gaba...g̃ál: to boast ('chest' + 'to be available').

gaba...g̃ar: to put out one's chest; to defy ('breast, chest' + 'to deliver').

gaba-kar(-re): escapist ('rival' + 'to flee'; cf., gaba...zi).

gaba...ri: to confront ('breast, chest' + 'to throw out').

gaba-ri: n., rival; copy, duplicate ('breast' + 'to exchange' - imagines the two breasts as copies or duplicates).

adj., withstanding attack (describing a door or weapon).

gaba...ru(-gú): to encounter ('breast, chest' + ru-gú, 'to oppose').

gaba-šu-g̃ar: resistance, rival ('breast, chest' + 'hand' + 'to place on').

gaba(-a)...tab: to hold to the breast ('breast' (+ locative) + 'to hold, clasp').

gaba...zi: to retreat ('breast' + 'to take out').

gába[KAB]-ra: shepherd boy/girl (Akk. loanword from *kaparrum* I).

gada-bar-TÚG: long linen coat ('linen' + 'long coat').

gada-dilmun-ù-lal: a dress of Dilmun linen ('linen' + 'Dilmun' + pronominal prefix + 'to hang').

gada-maḫ-g̃iš-lá: spread out linen ('linen' + 'large' + 'tool' + 'to extend').

gada-níg̃-dùn-dù: a linen garment ('linen' + 'object' + 'to bring low' + 'to make').

gag-ḫa-ḫar-ra-na: a peg or nail ('peg' + 'roads' ?).

gag-maš: a peg or nail ('peg' + 'one-half').

$^{g̃iš}$gag-si-sá: arrow ('nail' + 'to make straight').

gag-zag-ga: side (?) peg ('peg' + 'side, boundary').

gal-bi: adv., greatly ('great' + adverbial force suffix).

gal-di: mighty (judge) (an adjective for the god Enlil) ('large' + 'to decide, judge').

gal-gal-di: boaster (reduplicated 'large' + 'to judge').

gal-nar: head musician ('large' + 'musician').

gal-ùg̃a: overseer ('large' + 'people').

gal-zu (gal-an-zu): wise; omniscient; intelligent ('large' [+ 'heaven'] + 'to know').

gal_5-lá(-gal), g̃ùl-lá(-gal): police chief, gendarme, deputy, bailiff; a demon ('to overwhelm' + 'to force into; to look after' [+ 'big']).

galam-kad_5: artfully made ('artistic' + 'to bind together').

galam-ma: exalted one ('elaborate' + nominative).

galam-ma ḫu-ru: clever fool ('ingenious, elaborate' + nominative + 'idiot, hillbilly').

^{ku6}gam-gam(-ma): a fish (Pomadasys stridens) (reduplicated 'curved; shriveled').

^{iti}gan-gan-è: calendar month 9 at Nippur during Ur III.

$^{g̃iš}$gan-na: grinding stone (?) ('rack' + nominative).

gan-tuš: tenant ('to bring forth' + 'to occupy').

gan-tuš-tur-ra: minor tenant ('tenant' + 'little' + nominative).

gána-ga: hill country ('land' + 'milk').

gána-íl: taxable land or field ('land' + 'to carry').

^{iti}gána-maš: calendar month 1 at Lagaš during Ur III.

^{ĝiš}gán-ùr: harrow ('field' + 'to drag across').

gàr-du: a class of persons ('hair lock signifying slavery' + 'to go').

ge-eš-tu: six hundred (gež-u (?); cf., ĝéš×u).

gi-a-dag: raft ('reed' + 'water' + 'resting place').

gi-dili-dù: a single-growing reed (idiomatic expression) ('reed' + 'single' + 'to plant').

gi-dù-a: reed hut; reed fences; high-quality writing stylus ('reed' + 'to make' + nominative).

gi-dub-ba: stylus ('reed' + 'tablet' + nominative).

gi-dùg-ga: sweet reed, i.e., with a sweet, edible marrow ('reed' + 'sweet' + nominative).

gi-duru$_5$[GI.A]: supple, swaying reed ('reed' + 'fresh').

gi-gu$_4$-ud: catapult ('reeds' + 'to leap').

gi-gun$_4$(-na), gi-gù-na: sacred building ('reeds' + 'decorated temple').

gi-gur: reed basket ('reeds' + 'basket').

gi-gur-še-bal: basket for carrying grain ('basket' + 'grain' + 'to transport').

gi-izi-lá: torch ('reeds' + 'fire' + 'to hold up').

gi...ku$_5$: to cut reeds ('reeds' + 'to cut').

gi-kud(-a): cut reed, used to make measurements ('reed' + 'to cut' + nominative).

^{ĝiš}gi-muš: punting pole ('reed' + 'snake').

gi-na: consent (cf., gi(n)) ('just, firm' + nominative a).

gi-na-tum: security deposit (Akkadian loanword).

gi-NI: a scented substance ('reed' + 'oil').

gi-rin[LAGAB]: pure, spotless; shining; blooming, fruitful; a syllabic writing for gurun, 'fruit' ('reliable' + 'bright' (?)).

gi-sa, kí-sa; gi(-níĝ)-sa-ḫá: bundle of reeds; abutment or platform ('reeds' + 'mat, bundle').

gi-saĝ-ḫul: a type of reed ('reed' + 'head' + 'bad').

gi-sal: reed screen on the roof ('reeds' + 'to be thin and wide').

gi-SI.A: (cf., $^{(gi)}$ušub).

gi-sig: reed wall, hut ('reeds' + 'small, weak').

gi-šà-sur: sieve ('reeds' + 'intestines' + 'to flow, drip').

gi-šul-ḫi: a reed or plant that was used as a medicine ('reed' + 'invader' + 'numerous').

gi-UGUN: (cf., gi-gunu$_4$).

gi...zé: to cut reeds ('reeds' + 'to cut').

gi-zi: a kind of reed ('reed' + 'good; high').

gi-1-ninda: measuring reed ('reed' + 'one' + 'a distance measure').

gi$_4$-an: cultically unfit ? ('to reject' + 'heaven').

gi$_4$-in: slave (girl) ('to lock up' + 'he, she').

gi$_4$-me-a-aš: colleague, fellow (cf., nam-gi$_4$-me-a-aš) ('to return, come back' + 'office, function' + locative + plural suffix).

gi$_6$-an-na: at night ('black' + 'heaven' + locative).

gi$_7$-nun: slave (girl) ('to lock up' + 'master').

gi$_{16}$[GIL]-da: basket.

gi$_{16}$[GIL]-sa: lasting; of lasting value.

gi$_{16}$[GIL]-sa...aka: to treasure highly.

gibil-bi: the first time ('new' + adverbial force suffix).

gig-ba: (cf., kib$_x$).

gig(-šè)...g̃ar: to cause trouble; to be angry at ('injury' + terminative + 'to set').

gil-le-èm: destruction (cf., gilim).

urudugín-sal: a light metal hoe.

gín-tur: a surface area measure, little shekel = 1/60 shekel = 1/3600 square nindan (sar) = 3 surface še = 36 square fingers = surface of the side of a cube of 1 sìla capacity.

gir-ab-ba: sea fish.

gir$_4$-bil: furnaceman, stoker ('kiln' + 'to burn').

gir$_{15}$/gi$_7$-nun: lofty noble (an adjective applied to Enlil) ('noble' + 'royal').

giri$_{17}$-zal: (cf., kìri-zal).

gu-du: anus.

gu...dúb; gu...tag: to align; to adjust (with a string) ('string' + 'to strike/to touch').

gu-la: large, great (cf., gal; gu-ul).

gu...lal/lá: to set out a snare ('string' + 'to place, set, stretch, extend').

gu-sum: impression on a tablet (a wedge) ('needle' + 'to give').

gu-ul: to enlarge; to increase; to make numerous; to be great, exalted; sometimes = gul, 'to destroy' (cf., gal; gu-la).

g̃išgu-za: throne; chair (cf., guzza).

gu-za-lá: throne-bearer; chair-bearer ('throne; chair' + 'to hold up').

gú...aka: to submit; to bow, to someone: dative ('neck' + 'to do'; cf., gú...g̃ar).

gú-an-še: all things considered ('land' + 'sky' + 'barley').

gú-bala: the turning edge ('edge' + 'to revolve').

gú...dirig: to sum accounts ('loads' + 'to add').

gú...dù: to despise; to neglect ('neck' + 'to fasten, plant').

gú...è: to cover ('neck; edge' + 'to extend').

gú-è: wrap.

gú-en-bar-ra: outer throne room.

gú-en-na: river mud; throne room ('river bank' + ?).

gú-gal: chick peas ('chick pea/bean' + 'large').

gú...gíd: 'to stretch the neck' as something that mourners do ('neck' + 'to stretch out').

$^{g̃iš}$gú-gíd-gíd: an agricultural tool ('neck' + reduplicated 'long').

gú-gir: processing of bitumen.

gú-gú-GUD: a type of pea (reduplicated 'chick pea/bean' + 'ox, bull').

gú-gú-UḪ: a type of pea (reduplicated 'chick pea/bean' + 'insect, vermin').

gú...gur: to gather, collect, amass (often with -da-; often reduplicated) ('chick pea/bean' + 'basket').

gú-gur$_5$...dug$_4$/du$_{11}$/e: to cut down ('neck' + 'to separate' + 'to effect').

gú g̃iš...g̃ál: to submit (to someone: dative) ('neck' + 'yoke' + 'to place').

gú...g̃ar/g̃á-g̃á: to submit ('neck' + 'to set down'; cf., gú...aka).

gú-a...g̃ar/g̃á-g̃á: (cf., úgu...ba-a-g̃ar which is the later Neo-Sumerian form of this Old Sumerian original) ('neck' + 'upon' + 'to place [a load of debt]').

gú-g̃iri$_{3/16}$: breach (cf., gú g̃iri$_{16}$...g̃ar).

gú g̃iri$_{16}$...g̃ar/g̃á-g̃á: to breach walls ('to submit' + 'fortress').

gú...kud: to cut (off) the neck ('neck' + 'to cut').

gú...lal/lá: to bow down; to kneel; to embrace (with -da- or -ta-); to peer out (with bàd, 'city walls') ('neck' + 'to hang, extend').

gú-tar...lal/lá: to style or dress hair; to bind an animal's mane ('neck' + 'to cut, determine' + 'to lift').

gú...mar: to pile up.

gú-mun: caraway ('pea' + 'salt').

^{GIG}gú-nida [NUNUZ]: a type of (high-quality) wheat (cf., zíz-GÚ-NUNUZ).

gú-ri-ta: from the other side ('side, bank' + 'that' + 'from').

gú...si(-a): to assemble, organize ('necks' + 'to be upright, in order, and still').

gú-šè: up to the edge; to the other side ('side, bank' + terminative suffix).

gú...šub: to be lax with respect; to scorn (with -ši-) ('neck' + 'to make fall').

gú-tar: back of the head ('neck' + 'to cut (hair)').

gú-tuku: mighty; foremost ('neck [for carrying ?]' + 'to have').

gú-tur: lentils ? ('chick pea/bean' + 'small').

gú-un: tribute; load (cf., gun).

gú...ús: to raise the neck ('neck' + 'to join').

gú-za: a jewelry (?) ('neck' + 'precious stone').

gú...zi: to have success ('neck' + 'to raise').

gù...dé: to call; to cry; to say ('sound' + 'to pour out, shape').

gù...ta-dé: to read aloud ('voice' + 'from' + 'to pour out').

gù...dúb: to shout ('voice' + 'to make tremble').

gù...dug_4/du_{11}/di/e: to make a noise or sound ('noise' + 'to effect').

gù...g̃ar: describes the twanging of bows ('sound' + 'to deliver').

gù...mur: to roar, bray, bellow ('sound' + 'lungs').

gù-mur-aka: hero; professional mourner ('to roar, bray' + 'to do').

gù-nun...di/e: to make a pleasant/loud sound ('sound' + 'fine, great, deep' + 'to say, do').

gù...ra(-ra): to shout, roar ('sound' + 'to strike').

gù-ra-aḫ: chattering, noise-making ('sound' + 'to strike repetitively, shake').

gù...sè(-g/k): to make obedient ('voice' + 'to apply; to cause').

gù...sum: to repeat; to echo; to talk to (with dative) ('sound' + 'to give, lend').

gù...si-il: to scream with an ear-splitting voice ('voice' + 'to split').

gù-téš-a...sì: to be united ('voice' + 'to come together' + locative + 'to surround').

gù...$tumu_{2/4}$: to call ('noise' + 'to carry').

gu_4: (cf., gud).

gu_4-ud: to jump; to flutter; to dance (reduplication class: gu_4-gu_4-ud); the planet Mercury ('bull' + 'sun').

gu_5-ul: great (cf., gal; gu-ul).

gu_7-kur-kur-ra: bread-basket of all the lands ('food, sustenance' + 'lands' + genitive).

gùb-bu: left arm ('left-hand' + nominative with vowel harmony).

gùb-$kaš_4$: stud farm manager (?) ('left-hand' + 'speed. fluency').

gud-áb(-ba): breeding bull ('bull' + 'cow' + genitive).

gud-alim: bison ('bull' + 'bison').

gud-am; gu_4-dam: a mythological entity ('bull' + 'wild ox').

gud-apin-níĝ-túg: blanket for a plow ox ('bull, ox' + 'plow' + 'thing' + 'cloth garment').

itigud-si-su: calendar month 2 at Nippur during Ur III.

$gud-du_7(-du_7)$: perfect, unblemished bull; fierce, goring ox ('bull, ox' + 'complete, suitable; to butt, gore, toss').

gud-dub: ox (recorded) on a tablet ('bull, ox' + 'tablet').

gud-dun-a: subordinate ox ('bull, ox' + 'subordinate' + nominative).

gud è: oxen taken out (of work) ('bull, ox' + 'to exit').

gud éš-gàr: working oxen ('bull, ox' + 'assigned task').

gud-gal-gal: full-grown ox ('bull, ox' + reduplicated 'great').

gud-ĝiš: work ox ('bull, ox' + 'tool').

gud ĝiš-ùr: oxen for the harrow ('bull, ox' + 'beam, harrow').

gud-la$\underline{h}_5$[DU-DU]: ox driver ('bull, ox' + 'to drive').

gud-mu-x: x years-old ox ('bull, ox' + 'name, year' + number).

gud-niga: fattened ox ('bull, ox' + 'fattened').

gud-numun: oxen for sowing ('bull, ox' + 'seed').

gud-numun-diri: reserve oxen for sowing ('oxen for sowing' + 'excess').

gud-numun-gána: oxen for sowing on the field ('oxen for sowing' + 'field parcel').

gud-ra: ox driver ('bull, ox' + rá, 'to drive along').

gud-su_7-ra: threshing ox ('bull, ox' + 'threshing floor').

gud-sún: wild-cow ('bull, ox' + 'aurochs cow').

gud-šár(-a): perfect bull ('bull' + 'to be many; to slaughter' + nominative).

gud-šu-gi_4: old ox ('bull, ox' + 'old').

gud-šú$\underline{h}$ub: grazing or trampling oxen ('bull, ox' + 'to step; to graze').

gùd...ús: to build a nest ('nest' + 'to moor, join').

ĝišGUL-BU: a kind of wood ('evil; to extinguish' + 'to uproot').

gul-lum: cat ('to fall upon, destroy, extinguish' + 'fertile'; cf., ki-gul-la).

gur-ra: adv., in return ('to return' + subordination suffix /-a/).

gur-2-ul: a capacity measure of 72 sìla in Presargonic Girsu.

gur-sá-dug_4: a capacity measure, = 160 sìla ('reed basket' + 'offering; measuring container of either 24 or 40 sìla').

gur-saĝ-ĝál: a capacity measure, = 240 sìla, where Civil says the difference is that this gur has been filled from measuring containers topped off with a 'head' of grain instead of being leveled off at the top ('reed basket' + 'head' + 'to place').

gur$_{4}$-gur$_{4}$[LAGAB+LAGAB]: a standard size container for wine, beer, and oil, = 10 liters (reduplicated 'thick, round, plump').

gur$_{5}$[KA×GU](ru.uš$_{(11)}$)...búr: to bare the fangs (sign for 'mouth-needles' (+ 'to send' + 'poison') + 'to release').

guru$_{7}$-du$_{6}$: grain stack ('granary' + 'heap').

guru$_{7}$-maš: grain depot ('granary' + 'interest, profit').

guruš šà-saḫar: earth moving workers ('laborer' + 'essence' + 'earth').

ĝá-e: I; myself ('I' + subjective ending).

ĝá-e-me-en: it is me; I am one who... ('I' + enclitic copula + 1st or 2nd person ending).

ĝá-gi$_{(4)}$(-a): (cf., ĝagia).

ĝá-ĝá: adding, addition (reduplicated form of ĝar, 'to accumulate').

ĝá-la...dag: to cease (doing something) (often with -ta-) ('to be somewhere' + 'resting place').

ĜÁ-nam-ma-da: (cf., ĝe$_{26}$-nam-ma-da).

ĜÁ-nu: (cf., ĝe$_{26}$-nu).

ĝá-nun: storage area (ĝar, 'storeroom' + 'noble').

ĝál...taka$_{4}$: to open ('to be somewhere' + 'to open').

ĝalga-sùḫ: nitwit ('consideration' + 'to be confused').

ĝe$_{26}$[ĜÁ]-nam-ma-da: come with me! (ĝe$_{26}$-na, imperative form of ĝen, 'to go, come' + conjugational prefixes ĩ-ba with locative force + 'with').

ĝe$_{26}$-nu: come!.

ĝéme-maš: female tender of goats ('work-woman' + 'goats').

ĝéš×u, ĝeš´u: six hundred ('sixty' + 'ten'; cf., ge-eš-tu).

ĝeštin-ḫád: raisins ('grape vine' + 'dried').

ĝeštug$_{(2,3)}$...gub: to set the mind to (with -ši-) ('understanding' + 'to set').

ĝeštug$_{(2,3)}$...ĝar: to listen, pay attention (to: with -ši-) ('ears, understanding' + 'to make available [to]').

ĝeštug$_{(2,3)}$...sum: to listen to (with dative) ('ears' + 'to give').

ĝeštug$_{(2,3)}$...šú: to stop one's ears ('ears' + 'to cover').

ĝeštu$_{(2,3)}$-tuku: possessing intelligence ('ears, understanding' + 'to have').

ĝeštug$_{(2,3)}$...u$_{18}$-lu: to forget ('ears, understanding' + 'great storm').

ĝi$_{6}$...di: to pass the night ('night' + 'to go'; cf., ù-di).

ĝi$_{6}$-par$_{3/4}$: residence of the en priest or priestess ('night' + 'to stretch out').

ĝi$_{6}$...sá: stay to midnight ('night' + 'to make equal').

ĝi$_{6}$-sa$_{9}$: stay to midnight ('night' + 'half').

ĝi$_{6}$-ù-na: in the middle of the night ('night' + ù-na, 'triumph').

ĝidru-šè...nú: to lay (heaped-up grain) under the (measuring) stick ('stick' + terminative + 'to lie down').

ĝidru(-mu)-u$_{4}$-sù-rá: a scepter of long (years and) days ('scepter' (+ years) + 'days' + 'lasting, far away' + genitive).

ĝin-na: ordinary ('ordinary' + nominative).

ĝír...DÙ: to cut off (?) ('knife' + 'to erect').

ĝír...ĝar: to clear the way ('road' + 'to place, establish').

$^{\text{lú}}$ĝír-lá: butcher ('knife' + 'to weigh').

$^{\text{anše}}$ĝír-nun: a type of donkey ('expedition' + 'great, fine').

ĝír-pa: butcher knife ('knife' + 'branch').

ĝír-tab: scorpion ('knife' + 'sting').

$^{\text{ku6}}$ĝír-ús: an inexpensive fish ('knife' + 'length').

ĝír-zal: scalpel ('knife' + 'to shine').

ĝìri...díb: to take a path, be on one's way ('path' + 'to traverse, pass along').

ĝìri-kúr...díb: to take an unfamiliar path ('path' + 'strange' + 'to traverse').

ĝìri KU-bi-šè...ĝál: to be subjected ('foot' + 'at their place' + 'to be located').

ĝìri...ĝar: to step forward; to trample (with -ni-) ('foot' + 'to place, set down').

ĝìri-šè...ĝar: to place something under the authority of someone ('foot' + terminative + 'to place, set down').

ĝìri-gub(-ba): step; footstool, pedestal ('foot' + 'to stand').

ĝìri...gub: to step on ('foot' + 'to stand').

ĝìr-lam: fruit-cake ('way, path' + 'abundance').

ĝìr-pad-rá[DU]: bone(s) ('foot' + 'to break off a piece' + nominative).

ĝìri...ra: to stumble ('foot' + 'to strike, stir').

ĝìri-saĝa$_{11}$[KIN]...dug$_{4}$/du$_{11}$/e: to trample; to stamp out ('foot' + 'to harvest'(?) + 'to effect').

ĝìr-sè-ga: menial(s), domestic(s) ('foot' + 'to apply, do').

ĝìri...siĝ$_{18}$[KIN]: (cf., ĝìri-saĝa$_{11}$...dug$_{4}$).

ĝìr-šúḫub: hoof ('foot' + 'boot').

ĝìri...ús: to follow on foot; to set one's foot on ('foot' + 'to follow; to join').

ĝìri...zé-er: to lose one's footing, slip, slide ('feet' + 'to remove'; cf., ki-ma-an-zé-er).

ĝir$_{5}$-ĝir$_{5}$$^{\text{ku6}}$: a fish (reduplicated 'to seek refuge').

ĝir$_{5}$-ra: courier ('to run, trot' + nominative).

g̃iskim-ti: recognized ('signal' + 'to stay alive').

g̃iskim...tuku: to get recognition ('signal' + 'to get').

g̃iskim-zi an-na: good omen from heaven ('signal' + 'good, firm' + 'heaven' + genitive).

g̃issu...lal: to cover with a shadow ('shadow' + 'to extend, reach').

$^{\text{g̃iš}}$g̃iš: plow ('the' tool, par excellence).

g̃iš-ab-ba(-k): a type of thorn tree; a wood used to make boats and sickle hafts ('wood' + 'sea' + genitive).

G̃IŠ-BAD: in the Akkad period, a length measure equal to 1 cubit, 1 kùš.

g̃iš-bad: a basket with a wooden handle; threshing sledge.

g̃iš-búru: net, trap ('tool' + 'to spread out' + nominative with vowel harmony).

g̃iš-dù-a: timber ('wood' + 'to build, erect' + nominative).

g̃iš-e_{11}: key; door pin ('tool' + 'to exit').

-g̃iš-en: irrealis suffix, 'unreality' form suffix ('tool' + 'enigmatic background').

g̃iš-gan...bala: to conclude a sale ('pestle' + 'to hand over').

g̃iš-gána-ùr-ra: harrow ('tool' + 'field' + 'to drag over the ground').

g̃iš-gaz: cudgel ('tool' + 'to crush, vanquish').

g̃iš-gaz-mè: battle cudgel ('cudgel' + 'battle').

g̃iš-gi: reed bank, thicket, cane brake ('tree' + 'reed').

g̃iš-gi_4-g̃ál, g̃iš-ki-g̃ál: answering chorus ('tool' + 'to answer' + 'to be').

g̃iš-gíd-da: long wood; punting pole; javelin, spear ('wood' + 'long' + nominative).

g̃iš-gíg: a date palm ('tree' + 'black, dark').

g̃iš-gú-ba: a piece of tableware ('tool' + 'chick pea, bean' + 'to give').

g̃iš-gù-di: a loud musical instrument ('tool' + 'to make a noise or sound').

g̃iš...g̃ar: to assign ('tool' + 'to deliver').

g̃iš-g̃iš-lá: battle ('tools' + 'to raise'; cf., ki-g̃iš-g̃iš-lá).

g̃iš-ḪAR: dredging (?) work in the canal ('tool' + 'obligation' ?).

g̃iš-ḫé: firmament, sky ('tool' + 'abundant').

g̃iš-ḫum: bench on a wagon ('wood' + 'to bruise').

g̃iš-ḫur: plan, drawing ('tool' + 'to draw, sketch').

g̃iš...ḫur: to draw; to make plans ('tool' + 'to draw').

g̃iš-ì: (cf., še-g̃iš-ì).

g̃iš-KÁ: (cf., ákan).

g̃iš-kad_5: stepladder ('tool' + 'to tie, bind together').

 g̃iš-kar$_{2/3}$: task (cf., éš-kàr).

g̃iš...lal/lá: to be silent ('tool' + 'to hang up').

g̃iš-kíg̃-ti: craftsmen ('work tool' + 'side').

g̃iš-maḫ: (cf., g̃iš-kad$_5$).

g̃iš-ná: bed; bedspread ('tool' + 'to sleep' + nominative).

g̃iš-nag̃: wooden water pail ('wood' + 'to drink').

g̃iš-nu$_{(11)}$: lamp, light ('tool' + 'light, fire, lamp').

g̃iš-pàr: (cf., g̃iš-búru).

g̃iš...ra: to thresh ('stick' + 'to beat').

g̃iš-rín: weighing scale (cf., érin, rín).

G̃IŠ-RU: (cf., $^{\text{g̃iš}}$illuru).

g̃iš-si$_4$: a date palm ('tree' + 'red-brown').

G̃IŠ-ŠAR: (cf., kiri$_6$).

g̃iš-šu: shackle; haft ('tool' + 'hand').

g̃iš-šu-kin: (cf., $^{\text{g̃iš}}$šu-KIN).

g̃iš-šub(-ba): lot, share ('tool' + 'to cast, throw, drop' + nominative).

g̃iš...tag: to make a religious offering, sacrifice (often with dative) ('tree' + 'to adorn').

g̃iš...tuku: to hear, listen to ('tool' + 'to get, have').

g̃iš-ùr(-ra): log, beam, rafter (e.g., of a roof); harrow ('wood' + 'roof').

g̃iš...ùr: to harrow (often with -ni-) ('tool' + 'drag').

g̃ìš á-zi...e: to commit rape (g̃ìš, 'penis', + 'violence' + 'to do').

g̃ìš...dù: to have sexual intercourse (g̃ìš, 'penis', + 'to plant').

g̃ìš-nu-zu: virgin (said of animals) (g̃ìš, 'penis', + 'not' + zu, 'to know').

g̃ìš-zu: having born young; open (g̃ìš, 'penis', + zu, 'to know').

g̃izzal...aka: to pay attention ('attention' + 'to do', cf., sag̃-kéš...aka).

g̃izzal-kalam-ma(k): the most intelligent person in Sumer ('intelligence' + 'land (of Sumer)' + genitive).

ḫa-al-ma: vandals (ḫa-lam + nominative).

$^{\text{(urudu)}}$ḫa-bu$_{(2,3,6)}$-da: a heavy copper hoe (Akkadian loanword, *hap/buutum*).

ḫa-la: (inheritance) share, lot (cf., ḫal).

ḫa-lam: to ruin; to destroy (often with -ta-) (cf., ḫul$_{(3)}$).

$^{\text{g̃iš}}$ḫa-lu-úb, $^{\text{g̃iš}}$ḫu-lu-úb: oak (?); sapling (?) [one Akkadian equivalent means 'young maiden'].

ḫa-luḫ: (cf., ḫu-luḫ).

ḫa-mun: mutually opposing; contrasting, harmonizing; clashing (ḫum, 'to wrestle' conjugated as Akk. *huud*, 'joy', conjugates into *hadûm*, 'joyful' - except in Sumerian there is no syllable 'mum', just the syllable mun).

(ğiš)ḫa-šu-úr: the cypress or Persian oak tree or its resin ('abundance' + 'to pour' + 'tree trunk').

ḫa-za: to hold, grasp; to retain (Akk. *ahaazum*, Orel & Stolbova 25).

uruduḫa-zi(-in): ax (Akkadian loanword, Orel & Stolbova 1318, cf., 1305).

ğišḫar-ḫar: a musical instrument; chain (reduplicated 'ring, bracelet') (cf., kíkkin).

ḫar-ra-an: road (a city on the route to the Mediterranean, Akkadian loanword).

ḫaš$_4$...ğá-ğá: to rejoice ('lower abdomen' + 'to deposit').

ğišḫaz...aka: to slaughter ('tool' + 'to thresh' + 'to do'; cf., gaz, 'to slaughter').

ḫé-àm: 'so be it', 'let it be', consent, approval, wish (precative prefix + ĩ + 'to be').

ḫé-àm-me-àm: [that] is our wish ('wish' + ĩ + 'to be').

ḫé-du$_7$: decoration ('let it be suitable, fitting').

ḫé-en-na-nam-ma-àm: it is indeed (precative prefix + ĩ + na-nam, 'indeed' + enclitic copula, 'to be').

ḫé-ğál: overflow; abundance ('let there be available').

ḫé-...nam-...: let it be.

ḫé-nun; ḫi-nun: abundance, fruitfulness ('may it be; numerous' + 'great, fine, deep').

ḫé-zu-ḫé-zu; ḫé-zu-ḫé-za: knowledge (reduplicated [with vowel alternation]: 'numerous' + 'to know').

ḫi-a: (cf., ḫá) ('to mix' + nominative).

ḫi-li: beauty; (sexual) charm, appeal; luxuriance ('numerous' + 'cedar oil, fragrance').

ḫi-li...aka: to behave gracefully ('beauty' + 'to do').

ḫi-li...du$_8$(-du$_8$): to apply adornments ('beauty' + 'to adorn; to spread').

ḫi-li...gùr-ru: to be full of opulence ('beauty' + 'to bear, carry').

ḫi-li-ma(-ra)-az: joyous (?) beauty ('beauty' + asa, 'cage, fetter' or ingredient in asilal$_{(3,4,5)}$, 'joy, gladness').

ḫi-li...sù(-sù): full of appeal ('beauty' + 'to rejoice').

ḫi-nun: (cf., ḫé-nun).

ğišḫu-lu-úb: (cf., ğišḫa-lu-úb).

ḫu-luḫ, ḫa-luḫ: to scare; to become scared, frightened ('birds/fish' + 'to sweep away').

ḫu-nu, ḫu-ḫu-nu: helpless (ḫuğ-(ğ), ḫun-(ğ), 'to hire' + 'none').

ḫu-rí-in: eagle (Akkadian loanword, *urinnu I*; Orel & Stolbova #52 ***'ar-/*war-** 'eagle'; note that AHw says that *urinnu II*, 'standard, totem', is a Sumerian loanword).

ḫu-ru(-um): idiot, hillbilly, boor (Akkadian loanword ?).

ḫu-su: (cf., ḫáš).

ḫu-úr-sá-g̃á/ne: (cf., ḫur-sag̃).

ḫúb-gaz: slaughter ('athlete' + 'to slaughter').

ḫúb...sar: to run ('athlete' + 'to run').

ḫúb...šú: to trample (?) ('athlete' + 'to cover').

ḫul...dím: to hurt, cause pain ('evil' + 'to create, make')

ḫul...gig: to hate ('evil' + 'to be sick').

ḫul-g̃ál: evil ones ('evil' + 'to be').

ḫúl-la: very happy; joyful ('joy' + subordination suffix /-a/).

ḫur-sag̃: hill-country; mountainous region ('holes, valleys' + 'points, peaks').

ḫuš-a: something red ('angry' + nominative).

i-i: (reduplicated éd).

i-bí[BIL]: smoke; Emesal dialect for igi, 'face; to see' ('to go out, rise' + 'to burn').

i-dib: threshold; flagstone, slab; device, contrivance ('to go out' + 'to traverse, cross').

i-gi$_4$-in-zu: indeed!; as, like (used in hypothetical comparisons).

i-lu: song, lament, dirge ('cry' + 'to multiply').

i-lu...du$_{11}$/e: to sing a dirge ('dirge' + 'to speak, sing').

i(-r): (cf., ir).

i-ti: (cf., itud).

i-si-iš: complaint; lament (cf., isiš$_{2,3}$).

i-si-iš...g̃ar: to wail (to someone: dative) (isiš$_{2,3}$, 'moaning' + 'to set').

i-si-iš...lá: to sit in anguish (isiš$_{2,3}$, 'moaning' + 'to hang').

i-^{d}utu: outcry; complaint; cry for justice; 'Oh, Shamash!' ('cry' + divine determinative + 'god of justice').

i-zi: waves (cf., iz-zi) ('to go out, rise' + 'to rise, go out').

í-kú: inclined angle, inclination (e.g., 45 degrees - the angle formed by animals eating fodder).

ì-áb: fat of cows, cream (?) ('fat' + 'cow').

ì-áb-sè-ga: clarified butter, ghee (Old Sumerian) ('cow fat' + 'to make flat [by boiling away the water]').

ì-bí-la: (cf., ibila).

ì-dub: storage jugs, pitchers ('oil' + 'to store, heap up').

ì-dùg(-ga), ì-du$_{10}$-ga: perfume; good oil ('oil' + 'sweet').

ì-dùg-nun(-na), ì-du$_{10}$-nun(-na): cream; perfume ('oil' + 'sweet' + 'fine').

$^{(lú)}$ì-duḫ/du$_8$: janitor; porter; door keeper (impersonal verbal conjugation prefix + 'residue, waste').

ì-gu-la): perfumed oil ('oil' + 'flax' + 'beauty, desire').

ì-g̃iš: sesame oil ('oil' + 'tree').

ì-ḪI-nun(-na): (cf., ì-dùg-nun(-na); ḫé-nun; ḫi-nun).

ì-ir-a: ointment ('oil' + 'perfume' + nominative).

ì-ku$_6$: fish oil ('oil' + 'fish').

ì-laḫ$_4$: a profession (impersonal verbal prefix + 'to fling away').

ì-lí: fine oil (jar) ('oil' + 'true measure; fine oil').

ì-nun: butter; clarified butter, ghee (Neo-Sumerian) ('fat, oil' + 'noble').

ì-rá-rá: ointment mixer ('fat' + reduplicated 'to stir, mix').

ì-sag̃: best, fine oil ('oil' + 'prime').

ì-si-na: (cf., e-si-na).

ì-šaḫ: pig lard ('fat' + 'pig').

ì-ti: moonlight (cf., itud).

ì-udu: fat, tallow ('fat' + 'sheep').

i$_5$-g̃ar[KA.G̃AR]: to promise, predict; ominous remark (inim, 'word' + 'to make, establish').

ib-si$_8$[DI]: square ('eye' + 'to crack open').

íb-dam-za: anger ('to be angry' + dum-dam...za, 'to grumble').

íb-lal: underwear (?) ('hips' + 'to hang, stretch, extend').

íb-tag$_4$: leftover ('middle' + 'to disregard').

^{kuš}íb-ùr: (cf., ^{kuš}e-íb-ùr).

íd-a-dug: irrigation project ('canal' + 'water' + 'vessel').

$^{g̃iš}$ig-šu-úr...DU: to bolt the door ('door' + 'hand' + 'base' + 'to go').

igi-a-a-na-šè: before his father ('front' + 'father' + ni-a(k), 'his + genitive' + terminative suffix, 'unto').

igi...bad: to open one's eyes ('eye' + 'to open').

igi-bala: traitor, turncoat; shiftiness ('eyes' + 'to turn, change, revolt').

igi...bar: to look at ('eye' + 'to open').

igi-zi...bar: to choose; to legitimate ('to look at' + 'legitimate; to strengthen').

igi-dag̃al: wide seeing eyes ('eyes' + 'wide').

igi(-šè)...dib$_{(2)}$: to pass in front of/before ('face' + terminative suffix + 'to pass by').

igi-ḫul...dím: to put the evil eye (on someone) ('eye' + 'evil' + 'to fashion').

igi-du: adj. for a lead animal; leader (also read as palil) ('front' + 'to walk').

igi-šè...du: to walk in front of ('to the front' + 'to walk').

igi...dù: to be on the lookout for (with -ši-) ('eye' + 'to raise erect').

igi...du_8: to see (often with -ni- or bi-); to spy; to witness ('eye' + 'to crack open').

igi-du_8-a: visibility (of the moon) ('to see' + nominative).

igi(-tur)...gíd: to despise, look upon with disfavor or anger ('eye, face' + 'little' + 'to lengthen'; cf., sag̃-ki...gíd).

igi-gu_4: a stylized biconvex geometric figure constructed from 120 degree arcs ('eye' + 'ox').

igi...gub: to look at ('eye' + 'to set').

igi-gub(-ba): coefficient ('inverse' + 'fixed').

igi-gùn-gùn: flashing eyes ('eyes; face' + 'to sparkle; to have on makeup').

igi...g̃ál: to (be able to) see; to understand; to look upon (often with -ši-) ('eye' + 'to place [into]').

igi-4-g̃ál: 1/4.

igi-6-g̃ál: 1/6.

igi-g̃ál(-la): clever, intelligent ('eye' + 'to place [into]' + nominative).

igi...g̃ar: to face, look at (with -ši- adds intensity to the gaze); to appear before someone ('eye; face' + 'to set').

IGI-G̃AR(-m): review, inspection, supervision.

igi...íl: to direct the eyes to (with -ši-, at a specific object); to view; to look over ('eyes' + 'to lift').

igi-íl-la: choice ('eyes' + 'to lift' + nominative).

igi...kár: to look upon; to examine, inspect; to select (often with -ši-) ('eyes' + 'to illuminate').

igi-lá: (cf., igi-tùm-lá).

igi...lal: to close one's eyes ('eyes' + 'to diminish, retreat').

igi-mè(-/ak/): before the battle; vanguard ('before; front' + 'battle' + genitive).

igi-níg̃in: treachery ('eye' + 'to wander, turn away').

igi-nim(-ma): upper country - from Sumer either the east or the northwest ('to face' + 'east').

igi-nu-du_8(-a): blind person - a slave; unskilled worker ('eye' + 'not' + 'to crack open').

igi...si(-g): to see ('eyes' + 'to fill').

igi-sìg-sìg[PA-PA]: an insulting face ('face' + reduplicated 'to strike, knock down'; cf., ka-sìg).

igi-sig_5: pulverized (onions) (cf., mun-gazi) ('eye' + 'to be good').

igi-su: (cf., i-gi_4-in-zu).

igi...suḫ: to stare with wide-open eyes ('eyes' + 'to pop out').

igi-X-šè: in the presence of X ('face, front' + X + terminative suffix).

igi...te-en: to unite ('eyes' + 'to soften, allay').

igi-te-en: fraction; proportions; symmetry.

igi-tùm-lá: coveting, longing, greedy eyes; a starving person ('eyes' + 'to obtain, carry away' + 'to weigh').

igi-u$_4$-è-a: facing the sunrise, facing east ('face; before' + ^{d}utu-è, 'sunrise' + locative).

igi...ùru: to be on guard, vigilant ('eyes' + 'to watch, guard').

igi-zàĝ-ĝá; igi-zàg-ga: select, precious ('eyes' + 'to choose' + nominative).

igi-zé-zé: dry-eyed (?) ('eyes' + 'to cut, shear, pluck'; Akk. ,*suhhutum* means 'pressed out').

igi-zu: (cf., i-gi$_4$-in-zu).

íl-lá: elevation ('to lift' + 'to hang'; cf., dùn-lá, 'depression').

íldag[A-AM]-zi-da: pleasant poplar tree ('poplar tree' + 'good').

im-ba: loss ('the paid out').

im-babbar$_{(2)}$: gypsum; whitewash ('clay' + 'white').

IM...dirig: (cf., ní...dirig).

im-dù-a; im-du$_8$-a: wall of rammed earth; adobe wall ('mud' + 'to build, erect' + nominative).

im-dugud: lump of earth or metal (cf., aĝar$_x$) ('clay, earth' + 'weight').

im-gíd-da: small, one column tablet ('clay tablet' + 'long' + 'side').

im-ĝíri: lightning storm ('storm' + 'lightning flash').

im-ḫa-mun: a dark-colored earth used for a high-contrast dye ('clay, earth' + 'contrasting'; cf. also, im-ri-ḫa-mun).

im-ḫul: evil wind ('wind' + 'evil').

im-lá: container; width ('clay' + 'to hold').

im-lag: clump of clay ('clay' + 'piece').

im-ma: last, previous (year) ('the named').

im-ma-al: milk cow (cf., immal$_{(2)}$).

im-ma...gub: to register on a clay tablet ('clay tablet' + locative + 'to write down'; cf., im-šu-gub).

im-ma-si-im-ma-diri-ga: 'it is too much' - the scream of suffering men or of women in travail (a deverbalized fixed form).

im-mar-tu: westwind ('wind' + 'western desert').

im-me: to be the one for (ì + me + a).

im...mir: to be windy ('wind' + 'storm wind').

im-nun: edge of the civilized world ('writing tablet' + 'great').

im-ri-ḫa-mun: storm, whirlwind ('weather' + 'to blow' + 'mutually opposing').

im-ru(-a), im-ri(-a): relatives, family, clan ('the sent out').

im-sa$_{12}$-ti-um: eastwind ('wind' + 'eastern mountains').

im-sar(-ra): clay tablet; document ('clay' + 'to write' + nominative).

im-si-sá: northwind ('wind' + 'straight').

im...šèg̃: to rain ('storm' + 'to rain').

im-šu: paragraph, section, extract (on a tablet) ('clay tablet' + 'portion').

im-šu-gub: list tablet ('sections' + 'to write down'; cf., im-ma...gub).

im-šu-rin-na: oven.

IM×TAK$_4$; IM.TAK$_4$; TAK$_4$; TAK$_4$.IM: to cut; to be cut out.

im-u$_{18}$-lu: southwind ('wind' + 'storm').

in...bu$_5$-bu$_5$: to blow away the straw/chaff ('straw' + redup. 'to blow'; cf., bul).

in-dal: chaff ('straw' + 'to fly').

in...dé-a: cleaning straw after winnowing ('straw' + 'to pour' + nominative).

in-dub: marked out border ('straw' + 'to heap up').

in(-nu)(-šè)...dúb: to insult; to taunt (with -ni-) ('insult' (+ terminative suffix) + 'to knock down').

in-ga-: again; equally (frequently follows -gim).

in-ga-na-nam: it is also ('equally' + emphatic + 'to be').

in-na: insult.

in-nam-gíd-da: storehouse (rare variant of uš-gíd-da).

in-nu: negation (cf., an-na, 'yes').

in-nu(-da): straw ('straw' + nud, 'bed' + genitive).

inim...bala: to have a conversation; to interpret; to translate ('words' + 'to revolve').

inim-búr-ra: breach of treaty ('words' + 'to dissolve, loosen' + nominative).

inim-dirig: excessive words, arrogance, hubris ('words' + 'to exceed').

inim-dùg: good word ('word' + 'sweet, good').

inim...dug$_4$/du$_{11}$/e: to say ('words' + 'to speak').

inim...gi$_4$: to answer (with dative prefix and -ni-); to call back one's word (with bi-) ('word' + 'to return').

inim-sig...gu$_7$(-gu$_7$): to (produce) slander ('word' + 'low; small' + 'to consume'; cf., eme-sig...gu$_7$).

inim...g̃ar: to bring an action against someone (before the court); to claim ('word' + 'to set, fix').

inim-inim-ma: compositions; wisdom ('word' + 'word' + genitive ?).

inim...kíg̃: to seek or find the right word ('word' + 'to seek, fetch').

inim...ku$_5$(-r): to swear ('word' + 'to cut, curse').

inim-ma...sè(-g)[SUM]: to imagine, conceive an idea ('in a word' + 'to place').

inim-sig-ga: slander ('word' + 'low; small' + nominative).

inim...šár: to search for clarification ('word' + 'to request, implore').

inim-šùd(-da): a word of prayer ('word' + 'to pray' + nominative).

inim-zu: one who knows the (proper) words; learned ('words' + 'to know').

ir-si-im; ir-sim: fragrant aroma, scent ('perfume' + 'to fill up' + 'wind'; no indication of Afroasiatic cognates).

ír: (cf., ér).

is-ḫáb: fool ('organ' + 'foul-smelling').

$^{\text{ğiš}}$IŠ-gi$_4$: a tool.

iz-zi[ĜIŠ-ZI]; iz-zi$_8$[ĜIŠ-KAL]: house wall; fire; current, flood ('wood' + 'to rise up'; cf., é-sig$_4$).

izi-gi$_6$-eden-na: shadow ('fire' + 'night' + 'steppe; spine').

izi-lá: torch ('fire' + 'to raise up').

izi...lá: to purify with fire ('fire' + 'to raise up').

izi...ne-ne(-r): to fan the fire ('fire' + reduplicated nir, 'to winnow').

izi...sìg[PA]: to set on fire ('fire' + 'to knock down, demolish').

izi...šub: to hurl fire ('fire' + 'to throw').

izi...te: fire approaches ('fire' + 'to approach').

izi...te-en: to extinguish or calm a fire ('fire' + 'to calm, extinguish').

ízi[KI-IZI]-ur$_5$: coal ('fire-place' + 'liver, soul').

ka-al: clay pit.

ka(-al)-lu$_5$: a vessel, bowl (Akkadian loanword, *kalû*; Orel & Stolbova #1423, ***kalVy-**, 'vessel').

ka-aš-bar: decision ('mouth' + 'one' + 'to divide'; cf., eš-bar).

ka-aš...bar: to render a decision.

ka...ba: to converse ('mouth' + 'to give').

ka...dù: to accuse (reduplication class) ('mouth' + 'to build, make').

$^{\text{kuš}}$ka-dù: a leather wrapping for part of the plow.

ka-dù-a, ka-dù-dù: fierce or accusing mouth.

ka-duḫ-a: with open mouth ('mouth' + 'to crack open' + nominative).

$^{\text{ğiš}}$KA-dúb-ba: a field tool (?).

ka-gáraš-a: catastrophe ('mouth' + 'military encampment' + nominative).

ka-guru$_7$: granary supervisor ('mouth' + 'silo').

ka-ĝìri: path ('mouth' + 'feet; way, path').

KA...ḪAR: (cf., zú...ur$_5$).

ka-íd-da: canal intake ('mouth' + 'river' + genitive).

KA-kešda: regiment ('mouth; word' + 'to bind').

KA...kéš-(d): to organize; to have an agreement; to put together; to become undone, disorganized (with -ta-).

ka ki...zu-zu: to kiss the ground ('mouth' + 'ground' + reduplicated 'to know').

ka-làl: a sweet person ('mouth' + 'honey').

KA×LI...di/e: (cf., gù-nun...di/e).

KA×LI...gi$_4$(-gi$_4$): (cf., sig$_{14}$..gi$_4$).

ka-lu$_5$: (cf., ka-al-lu$_5$).

KA-nun...di/e: (cf., gù-nun...di/e).

ka...sag$_9$-sag$_9$: to make the mouth pleasant ('mouth' + reduplicated 'good, pleasing').

ka-sìg[PA]: an insulting mouth ('mouth' + 'to strike, knock down'; cf., igi-sìg-sìg).

ka-sù-ga: an empty mouth ('mouth' + 'to be empty' + nominative).

ka-šakan: supervisor of the fat stores ('mouth' + 'large oil jar').

KA šu...ĝál: (cf., kiri$_4$ šu...ĝál).

ka-ta-è: utterance ('mouth' + 'from' + 'to go out').

ka-ta...kar: to take away ('mouth' + 'from' + 'to take away').

ka-tab: to be clogged ('mouth' + 'to clasp').

ka-tar: princely; praise; challenger; a type of fungus or rot ('mouth' + 'to decide; to destroy').

ka-tar...si-il: to praise ('praise' + sil, 'to praise').

ká-bar-ra: outer door ('gate' + 'outside' + nominative).

KÁ.GAL: (cf., abul).

ká-mè: wings of a temple door ('gate' + 'battle').

káb...dug$_4$: to measure or count commodities for accounting or taxation ('string' ? + 'to do').

$^{(dug)}$káb-dug$_4$-ga: a measuring jar with a capacity of 20 sìla.

^{ĝiš}KAK+LIŠ-la$_{(2)}$: chariot; cart.

kak-ús: goad ('nail' + 'to drive'; cf., bar-ús^{urudu}).

kal-kal; ka-al-ka-al: highly esteemed or valued, precious (reduplicated 'to esteem, value').

kal-la-kal-la: barren, empty ('to be rare').

$^{(munus)}$kar-kid: prostitute (B. Alster reads munus-kar-ke$_4$) ('marketplace' + 'reed mat').

kar(-ra)...ús: to reach the quay (in a boat) ('quay' + locative + 'to reach, moor to').

kaskal...sig_{10}/sì(-g): to clear a road ('road' + 'to place, put in; to engrave; to make flat, even').

kaš-dé-a: banquet, libation, party ('beer' + 'to pour' + nominative).

kaš-dé...aka: to put on a banquet ('banquet' + 'to do').

kaš-dùg/du_{10}: sweet drink ('beer' + 'sweet, fresh').

kaš-gíg: dark beer ('beer' + 'black, dark').

kaš-gíg-dùg-ga: good dark beer ('beer' + 'black, dark' + 'sweet, fresh' + nominative).

kaš-kal: strong (?) beer ('beer' + 'strong; excellent').

kaš-si_4: reddish-brown beer ('beer' + 'red-brown').

kaš-sig_5: good beer ('beer' + 'good, fine quality').

kaš-sig_{15}: light beer ('beer' + 'pleasing; valuable'; cf., zíd-sig_{15}).

kaš-sur-ra: pressed out beer ('beer' + 'to press; to brew' + nominative).

kàš...sur: to urinate ('urine' + 'to expel a liquid').

$kaš_4$...dug_4/du_{11}/e: to run ('speed' + 'to effect').

$kaš_4$-di: adj. or adv., running.

$kaš_4$...kar: to run fast ('speed' + 'to escape, run away').

ke-en-ge-ra: (cf., ki-en-gi_7(-r)).

kéš-de_6: a fish measure ('to join, tie' + 'to carry').

ki-a-nağ: libation place; death offering ('place' + 'water' + 'to water').

ki-á-áğ-(ğá): the place of issuing orders (cf., á-áğ-ğá, 'instructions, orders').

ki...áğ-(ğ): to love (someone: with dative infix; something: with locative/loc.-terminative infix); to show affection ('ground' + 'to measure' = the first recorded euphemism ?, or the result of popular etymology from $kam_{(2)}$, 'to desire'; cf., ki-ná...aka).

ki-áğ: beloved.

ki-bad-rá: distant places ('places' + 'to be at a distance' + nominative).

ki-bala: rebellious country, rebel land ('place' + 'to revolt').

ki-búr: solution, answer ('place' + 'exposed').

ki...dar: to break the ground ('ground' + 'to split'; cf., ki-in-dar).

ki...de_6: to bury ('ground' + 'to bring; to continue').

ki-di-ku_5-da/ru: place of judicial decisions ('place' + 'decisions' + 'to cut, decide' + nominative without/with vowel harmony).

ki-dul: secret; obscure point ('place' + 'to cover, hide').

ki-dúr: nest or den for animals (plural, cf., ki-tuš) ('place' + 'to dwell (plural)').

ki-duru$_5$: parts of the field where the ground is moist and productive; riverbank; generosity (cf., piš$_{10}$, peš$_{10}$; peš$_x$[KI.A]) ('ground' + 'moist').

ki-e-ne-di: playing ground; (place of) dancing (also read as ešemen) ('place' + 'to play').

ki-è: exit ('place' + 'to go out').

ki-en-gir$_{15}$/gi$_7$(-r); ki-en-gi(-r): Sumer ('place' + 'lords' + 'noble; native').

ki-gal: big place; great Earth (as opposed to an-gal, 'great Heavens'); foundations ('place' + 'big').

ki-(bi-šè)...gi$_4$: to restore (usually with bi-, or with dative prefix) (lit., return [to its] place) ('place' [+ 'its' + 'to'] + 'to return, restore').

ki-gibil-gibil-lá: constant renewal ('place' + reduplicated 'renewal' + nominative).

ki-gub(-ba): assigned place to stand, station; socle ('place' + 'to stand' + nominative).

ki-gul-la: waif ('ground' + 'to fall upon' + nominative; cf., gul-lum).

ki-g̃ar: grounds; settled place; place where something is built ('ground' + 'to place').

ki...g̃ar: to found, establish (a building or town) (often with -ni- or bi-) ('ground' + 'to place').

ki-še-er...g̃ar: to bring success ('place' + šár, 'to be many; abundance' + 'to establish').

ki-šè...g̃ar: to fall/throw upon the ground ('ground' [+ 'onto'] + 'to set').

ki-g̃ìri: path ('place' + 'feet; way, path').

ki-g̃iš-g̃iš-lá: battlefield ('place' + 'tools' + 'to raise'; cf., g̃iš-g̃iš-lá).

ki-ḫul: mourning rites ('ground' + 'to destroy; evil').

ki...ḫur: to scratch the earth; to paw the ground ('ground' + 'to scratch').

ki-in-dar: hole, crevice ('ground' + 'instance of' + 'to split'; cf., ki-dar).

ki-in-du: the earth ('ground' + 'instance of' + 'to walk').

ki-in-gi$_4$-a: (cf., kin-gi$_4$-a).

ki-inim-ma: place of testimony (cf., lú-ki-inim-ma) ('place' + 'oath' + genitive).

ki-ir-ga: (cf., di-ir-ga).

ki-iz: to trim, to clean (of hair, leaves, or vegetation) (cf., guz).

ki-kal-kal-la: the very precious place ('place' + reduplicated 'to value, esteem' + nominative).

ki-kal-la-kal-la: the barren place = the netherworld ('place' + 'barren, empty').

ki-kalag: hard ground ('ground' + 'strong'; cf., kankal).

ki-kid: a place of reed mats ('place' + 'reed mat').

ki...kíg̃, kin: to seek (with -ši- denoting the object of the search) ('place, ground' + 'to seek, scour')

ki-kúkku: dark place ('place' + 'dark').

ki-lal/lá(-bi): (its) weight, where weight refers to area or volume; excavation, grave; cellar granary, silo; shape, arrangement ('area' + 'to weigh, lift').

ğiškilá: water meter.

ki...lá: to heed, pay attention to.

ki-lugal-gub(-ba): royal place ('place' + 'king' + 'to stand').

ki-lul-la: place of murder or violence ('place' + 'malicious act' + genitive).

ki-ma-an-zé-er: a slippery place ('a place where it slips for me'; cf., ğìri...zé-er).

ki-maḫ: high place; place of honor; grave ('place' + 'exalted').

ki-ná: sleeping quarters; bed, bedding ('place' + 'bed').

ki-ná...aka: to make love ('bed' + 'to do').

ki-nam-nitaḫ: battlefield ('place' + 'manliness').

KI.NE: (cf., dinig and nemur).

ki-ní-te: resting place ('place' + ní...te-en, 'to calm down').

ki-ninda-gu_7: place to eat bread ('place' + 'bread' + 'to eat').

ki...ri: to scratch the ground ('ground' + 'to touch ;to gather').

ki-sá-a: socle ('place' + 'to compare with' + nominative).

ki-sá-al-ma-ḫe: syllabic writing for kisal-maḫ-e, 'in the great courtyard'.

ki-saḫar: place of silt deposits ('place' + 'silt').

ki-sì-ga: funerary offering; quarantine hut ('ground' + 'to place, set' + nominative).

itiki-sig-dNin-a-zu: calendar month 4 at Drehem through Šu-Sin 3; calendar month 5 at Drehem after Šu-Sin 3; calendar month 5 at Ur during Ur III.

ki-sikil: young woman; virgin ('place' + 'pure').

ki-a...su-ub: to kiss the ground; to prostrate oneself ('ground' + locative + 'to suck').

ki-su-ub...aka: to kiss the ground; to make obeisance ('to kiss the ground' + 'to do').

ki-sug_8, ki-su_7: threshing floor, select fallow land whose surface was conditioned to act as a threshing floor ('land' + 'threshing floor'; cf., kislaḫ).

ki-sum-ma: onion-growing land ('land' + 'onions' + genitive).

ki...sur: to fix the boundary ('place' + 'ditch; to delimit').

ki-šár: horizon; everywhere ('place' + 'totality').

ki-še-er: fence; enclosure; limit ('place' + šár, 'to be many'; cf., še-er-tab-ba).

ki-šúr: snake hole; grave; cavity in the ground ('place' + 'fierce').

ki-ta: below; lower ('ground' + locative with remote deixis).

ki-X-ta: disbursed by X ('from the place of X').

ki...tag: to lay on the ground; to lay the foundation ('ground' + 'to adorn').

ki...tùm: to bury (a dead person) ('ground' + 'to prepare; to bring').

ki-tuš: seat; dwelling place (singular, cf., ki-dúr) ('place' + 'to sit, dwell (singular)').

ki-umun$_2$-(m): "place of knowledge" (school); large beer container ('place' + 'idea, knowledge').

KI-UD(-k): desert land ('place' + 'sun; dry').

ki-ùr: territory; living grounds ('place' + 'roofs').

ki-uri: the land of Akkade ('place' + 'protectors ?').

ki...ús: to set on the ground; to touch the ground; to throw to the ground; to establish (often with -ni-) ('ground' + 'to moor, join').

ki...za: to bow down, submit (reduplication class) ('ground' + 'to make a repetitive motion').

ki-za...bad; ki-za...sù: to make homage far from ('homage' + 'to be at a distance, remote').

ki-za...túmu: to obtain homage; to refuse obeisance ('homage' + 'to obtain').

ki-zàḫ: a sacred locality ('place' + 'to hide').

ki-zú-ur$_5$-ra: sharp edge ('place' + 'teeth' + 'mill stone; to chew' + nominative).

kí-sa: (cf., gi-sa).

KÍD-alam: sculptor ('to pinch off clay' + 'statue').

kíĝ/kin^{ku6}: a fish.

kíĝ...aka: to work; to manufacture ('orders' + 'to do').

kíĝ-šè...aka: to put to work ('orders' + terminative + 'to do').

kíĝ-dù-a: construction work ('tasks' + 'to build, erect' + nominative).

kíĝ-dúb-ba: hammering work ('tasks' + 'to strike, hammer' + nominative).

kíĝ...ĝá: to work ('orders' + 'to make, deliver').

kíĝ-gi$_4$-a: messenger, envoy; message ('messages' + 'to return' + 'the one who').

^{iti}kíĝ-^{d}Inanna: calendar month 6 at Nippur during Ur III.

kíĝ-saḫar: earth-moving work ('tasks' + 'earth, silt').

kíĝ-sig$_{(7/17)}$(-g), kíĝ-se$_{11/12}$(-g): evening meal; time of the evening meal; evening; cool of the evening ('tasks' + 'late').

kíĝ-sig-gin$_7$: during the evening ('evening' + 'during').

kíĝ...ti: to assign work ('orders' + 'to keep alive').

kíĝ[-kíĝ]...til: to finish one's work ('orders' + 'to keep alive').

kin: (cf., kíĝ).

^{na4}kín-an-na: upper millstone ('millstone' + 'to be high' + nominative).

kìri[KA]-zal: prosperity, splendor; splendid, wonderful ('nose' + 'to shine').

kìri/kir$_4$[KA]-dib/dab: groom (for leading donkeys and horses and as a title of a court official) ('nose' + 'to catch, hold').

kiri$_4$-šu-dù: supplication(s) ('nose' + 'hand' + 'to fasten, apply').

kiri$_4$ šu...g̃ál: to pay homage to, to greet (dative) ('nose' + 'hand' + 'to place on').

kiri$_4$...te-en: to sneeze ('nose' + 'cold').

kiri$_4$...ur$_5$: to sniff at; to sneer at ('nose' + 'to smell').

kiri$_4$-zal: joy, prosperity ('dam in a stream' + 'to be full, abundant').

kiri$_6$...dù: to lay out a garden ('garden' + 'to set up; to plant').

kisal-maḫ: main courtyard ('courtyard' + 'foremost').

kiš-nu-g̃ál: brightly lit ('the city of Kish' + 'lamps' + 'to have').

kišib-g̃ál: seal-keeper ('seal' + 'to have').

kišib...ra(-ra): to seal; to subpoena ('seal' + 'to roll, impress').

kú: (cf., gu$_7$).

KU-KU: ancestors (?) ('to found; to lie down').

ku-dun...dug$_4$: to profit ('solid base' + 'to heap, pile up' + 'to speak, do').

^{dug}ku-kur-dù: a jar ('solid base' + 'mountain' + 'to mould, make').

ku-li: friend; a standard size clay beer pot in range 0.5 - 1.2 liters ('solid base' + 'true measure').

ku-li-an-na: friend of heaven; dragonfly ('friend' + 'sky' + genitive).

ku-mul: cumin (Elamite ? loanword).

ku-nu: to approach; to be near.

kù-babbar: silver ('noble metal' + 'white').

kù-dam-taka$_4$: divorce settlement ('silver' + 'spouse' + 'to leave with a person').

kù-dím: goldsmith, silversmith, metal worker ('noble metal' + 'to fashion').

kù-du$_8$: ransom money (for a slave) ('silver' + 'to untie').

kù-g̃ál: inspector ('silver' + 'to have').

kù-im-ba(-aš...ku$_4$): to lose money ('silver' + 'loss' (+ plural marker + 'to enter, turn into').

kù...lá: to settle an account ('silver' + 'to weigh').

kù-luḫ-ḫa: refined silver ('noble metal, silver' + 'to clean' + nominative).

kù-sig$_{17}$: gold ('noble metal' + 'yellow').

kù-tuku: one who has silver ('silver' + 'to have').

kù-zu: expert, erudite, clever; wisdom ('bright' + 'to know').

kù-zu-nì-nam-ma: the all wise ('expert' + níg̃-na-me, 'anything' + genitive).

ku$_6$-a-dé: fresh fish ('fish' + 'water' + 'to pour, water').

ku$_6$-ab-ba^{ku6}: sea fish ('fish' + 'sea' + genitive).

ku$_6$-banšur-ra: fish for the (offering) table ('fish' + 'table' + genitive).

ku$_6$-dar-ra: dried fish ('fish' + 'to slice' + nominative).

ku$_6$-engur(-ra-k): fish of the marshes ('fish' + 'fresh waters' + genitive).

ku$_6$-íl: fish delivery ('fish' + 'to carry').

kud-kud-rá: a lame person (reduplicated 'to cut off' + nominative).

kug: (cf., kù).

kun-kà-an...za: to bubble (see the definition for za).

kun-sağ: staircase of the sanctuary ('tail; staircase' + 'head, chief').

kun-su$_{3/13}$(-su$_{3/13}$): long-tailed ('tail' + 'to stretch; to wag a tail; to be long').

kun-zi(-da): weir ('canal reservoir' + 'to strengthen').

^{ku6}kun-zi(-da): fish-pond fish.

kur-^{ğiš}erin-na: mountain of cedar trees ('mountain' + 'cedar' + genitive).

kur-gal: great mountain - a metaphor for temples and for Sumer as a place where earth and sky meet ('mountain' + 'big').

kur-gi$_4$^{mušen}: goose, geese ('mountains' + 'to return').

kur-ra diri-ga: supreme over the lands ('lands' + locative + 'to be supreme' + nominative).

kur-sig: deep mountain ('mountain' + 'low').

kúr...di: to speak hostile words ('hostile' + 'to speak').

kur$_7$...aka: to inspect ('to watch; lookout' + 'to do').

kur$_7$-aka: inspection record.

kuš...dù: to treat or dress skin ('leather' + 'to raise up, make').

kuš-dù: treated or flayed skin.

kuš-dù-dù: leather-dresser.

kuš-lá: leather cord ('leather' + 'to hang; strap').

kuš-nağ: leather water pail or hose ('leather' + 'to drink').

kùš-numun: in the Akkad period, a length measure equal to 2 cubits, 2 ĞIŠ-BAD, = 1 meter.

kuš$_7$...sud/sù/su: to level; to devastate ('devastation' + 'to immerse').

kušu/kušum$_x$(-ki)...tag: to crawl; to sneak away; to run ('herd' (+ ground) + 'to touch').

la-ag: (cf., lag).

la-ga: (cf., lú-la-ga).

la-gal: (cf., lagar).

la-ḫa-ma: long-haired hero(s) ?; mythological sea monster ?.

la-la: joy; appeal, charms; abundance; vigor (reduplicated 'happiness').

lá-ìa[NI]: remainder of debt left over, difference, arrears ('to weigh; minus' + 'oil'; may be a connection to ia_4, 'counter'; cf., lalla).

lagab ^{na4}za-gìn-na: a block of lapis lazuli ('block' + 'lapis lazuli' + genitive).

làl-ḫar: mythological lake, pond ('honey; date syrup' + 'ring').

li-gi_4-in: exercise tablet (loan from Akkadian *liginnu*).

li-um, le-um: plate.

$^{iti\ d}$$Li_9$-$si_4$: calendar month 9 at Umma during Ur III.

lu-ga: (cf., lug).

lu-gú: to twist; be crooked, not straight ('numerous' + 'edge'; cf., ru-gú).

lu-ḫu-um: mud (luḫ, 'to wash' + imi, 'clay, mud'; don't find Semitic parallels to Akk. *luhummû*, but Hebrew/Arabic *LH/LHH* means 'moist'; cf., lum, 'fertilizer, manure').

lu-lim: stag (Akkadian loanword ?; 'to graze, pasture' + 'thousand').

lu-úb^{sar}: turnip, beet ('abundant' + 'container').

^{kuš}lu-úb: leather bag for holding food; lunch bag ('abundant' + 'container').

^{kuš}lu-úb-šir(-ra)...aka: to prepare (gold or silver) for the precious sack (by sifting) ('leather bag' + 'testicles' + locative case ending + 'to do').

lú-a-tu_5(-a): a priest who bathes the statues of the deities and rulers - lustration priest ('man' + 'water' + 'to wash, bathe' + nominative).

lú-á-tuku: strong man, influential person ('man' + 'strength' + 'to have').

lú-^{ĝiš}bala: man of the spindle ('man' + 'spindle').

lú-$bappir_{(2/3)}$: brewer (cf., ningi; lunga) ('man' + 'beer bread').

lú-bar-ra: foreigner ('person' + 'outside' + genitive).

lú-búr-ru: interpreter (of omens/dreams) ('person' + 'to reveal, interpret (a dream)' + nominative with vowel harmony).

lú-dam-tuku: a married person ('person' + 'spouse' + 'to have').

lú-di-da: opposing party (in a legal case) ('man' + 'law suit' + 'with').

lú-du-du: vagabond ('man' + reduplicated 'to walk').

lú-é-níĝ-ka: manager of the treasure-house ('man' + 'house' + 'treasure' + double genitive [a]k-a[k]).

lú-érim: enemy ('man' + 'evil, hostile').

lú-éše: prisoner ('man' + 'rope'; cf., é-éše, 'jail' and šaĝa, 'captive').

lú-ga-šum: assassin ('man' + 'I will' + 'to slaughter').

lú-gi-di(-da): piper ('man' + 'reed' + di-dé, 'to speak' + nominative).

lú-gi-gíd-da: flutist ('man' + 'reed' + 'long' + nominative).

lú-gu-la: despot ('man' + 'large').

lú-gub-ba: ecstatic ('man' + 'to stand' + nominative).

lú-g̃iš-$e_{3/11}$: doorkeeper, doorman ('man' + 'key').

lú-ḫun-g̃á: hired worker ('man' + 'to hire' + nominative).

lú-im/tum_9: 'wind man': unreliable person ('man' + 'wind').

lú-inim-ma: witness ('person' + 'word' + genitive).

lú-KA×LI-KA×LI: incantation priest (cf., tu_6, mu_7, zug_4, $uš_7$, and sig_{14}).

lú-kal-(l): dear one ('person' + 'precious').

lú-kar-ra: refugee ('person' + 'to escape' + nominative).

lú-$kaš_4$: courier ('man' + 'fast runner').

lú-ki-inim-ma: witness ('person' + 'place' + 'oath' + genitive).

lú-kúr-ra: stranger; enemy ('man' + 'mountains, foreign country' + genitive).

lú-kurun(-/ak/): brewer; innkeeper ('man' + 'alcoholic drink' (+ genitive)).

lú-la-ga: robber (cf., ma-la-(g)).

lú-lul(-la): unfaithful, treacherous man ('man' + 'lies' + genitive).

lú-má-gur_8: boat captain ('man' + 'large boat').

lú...na-me...nu-: no man does X ('man' + prohibitive modal prefix + 'to be' + 'no, not'; cf., u_4-na-me...nu-tuku).

lú-nam-tag-ga: sinner ('man' + 'guilt' + genitive).

lú-ní-zu(-/ak/): thief ('man' + 'one's own' + 'your' + genitive).

lú-ní-zuḫ: thief ('man' + 'one's own' + 'to steal, rob').

lú-níg̃-nu-tuku: poor man, debtor ('man' + 'thing' + 'not' + 'to have').

lú-níg̃-tuku: rich man, wealthy person ('man' + 'thing' + 'to have').

lú-ru-gú: recalcitrant, intractable individual(s) ('man' + ru-gú, 'to withstand, oppose').

lú-ru-gú-da: river ordeal, to decide an insoluble legal case, which involved swimming a certain distance and returning to shore without being pulled under by the current ('man' + 'to send' + 'river bank' + 'to be near'; cf., ru-gú).

lú-silim: perfect man ('man' + 'good, healthy').

lú-su-a: friend, acquaintance ('man' + su-a, 'cat').

lú-šár: numerous individuals, myriads ('men, people' + 'to be many').

LÚ.ŠE: (cf., níga).

lú še bad-rá: to thresh ('man' + 'grain' + 'to open, expose, peel, release, split' + nominative).

lú-šuku-ra-ke_4-ne: persons with allotted portions ('allotted portions' + genitive + plural).

lú-tu-ra: a sick person ('person' + 'to be weak, sick' + nominative).

lú-u$_5$-a: rider ('man' + 'to mount, ride' + nominative).

lú-u$_{18}$[ĜIŠGAL]-(lu): mankind; human being ('humans' + 'huge' [+ 'numerous']).

lú-u$_{18}$-um: name of a breed of small cattle (possible Semitic loanword).

lú-zàḫ: runaway, fugitive ('man' + 'to flee').

lú-zi(-d): righteous, good man ('man' + 'faithful, true').

lú-zu(-a): acquaintance ('person' + 'to know' + nominative).

lú-zuḫ: thief ('man' + 'to steal, rob').

lugal-šà-lá-sù: merciful king ('king' + 'merciful').

lul...dug$_4$: to tell a lie ('lie' + 'to speak').

lul...si(-g): to keep silent ('lie' + 'to stay silent').

lum-ma: a fecund female ('to be fertile, productive' + nominative).

ma-al: Emesal dialect for ĝál.

(gi)ma-an-sim: sieve ('it sifts for me').

ma-az: exuberant, joyful; a female dancer.

ma-da: district, realm (Akkadian, *maatu(m) I*, 'land').

ma-la-(g): friend (among females) ('to bind' + LA.GA, 'an obscene name for the female genitalia' per Landsberger).

ma-mu$_{(2)}$-(d): dream ('it is growing for me').

ma-na: a unit of weight measure, *mina* = ca. 500 grams = 60 gín (since Akkad period, 2 ma-na = 1 sìla of water) (Akk., *manûm*, 'to count').

ma-na-tur: a surface area measure, little mina = 1/3 shekel = 60 surface še = 720 square fingers; as a volume measure, = 60 še.

ĝišma-nu: dwarf ash (?), cornel (?); firewood bundle ('to bind' + nu$_{11}$, 'fire').

ma-ra-az: (variant of ma-az).

(gi)ma-sá(-ab): a basket ('to bind' + 'to equal in value' (+ 'container') ?; Semitic root means 'circle').

(ĝiš)má-addir: ferryboat ('boat' + 'ferry; bridge').

(gi)má-da-lá: a thick bundle of reeds used to build rafts ('boat' + 'to hold near' + 'to strap, bind').

ĝišmá-diri-ga: the boat sailing downstream ('boat' + 'to float (with the current)' + nominative).

lúmá-DU-DU(-d): barge captain ('boat' + ?; cf., má-laḫ$_{4/5}$).

ĝišmá...du$_8$: to caulk a boat ('boat' + 'to spread with pitch').

(ĝiš)má-egir-ra: the stern of a boat ('boat' + 'back' + nominative).

má-gan-an-naki: Magan (a country on the sea route to India) ('boats' + 'support' + 'to be high' + nominative).

(ĝiš)má-gi$_{(4)}$-lum: a type of small sailing boat ('boat' + gilim, 'reed bundle').

$^{\text{(ĝiš)}}$má...gíd: to sail (with -da-); to tow a barge ('boat' + 'to draw, pull').

$^{\text{(ĝiš)}}$má-gur$_8$: a large boat, cargo boat; pot stand ('boat' + 'high, deep') [MAGUR archaic frequency: 5; concatenates 2 sign variants].

má(-a)...ĝar: to load a boat ('boat' + 'in' + 'to place').

má-ĝéš-gur: a boat of sixty-gur capacity ('boat' + 'sixty' + **kor** basket measure).

$^{\text{(ĝiš)}}$má-lá: cargo boat ('boat' + 'to extend, load').

$^{\text{lú}}$má-laḫ$_{4/5}$: sailor; barge captain ('boat' + 'to drive along').

má-nisaĝ-ĝá: boat with first-fruit offerings ('boat' + 'first-fruits' + nominative).

$^{\text{ĝiš}}$má-ru-ru-gú: the boat sailing upstream ('boat' + 'to move in a direction opposite to [the current]').

$^{\text{ĝiš}}$má-saĝ-ĝá: the bow of a boat; prow ('boat' + 'point, head' + nominative).

má(-a)-si-ga: describes products used to fill a boat ('boat' + 'in' + 'to fill' + nominative).

$^{\text{ĝiš}}$má...su: (cf., $^{\text{ĝiš}}$má...du$_8$).

$^{\text{ĝiš}}$má-su(-a): sunken boat ('boat' + 'submersed' + nominative).

$^{\text{ĝiš}}$má-sù-a: a deep-draught boat ('boat' + 'empty' + nominative).

$^{\text{ĝiš}}$má-še(-/ak/): grain boat ('boat' + 'grain' + genitive).

má-tùn[GÍN]: asphalt specialist ('boat' + 'to bind, bandage').

má(-a)...u$_5$: to go on board; to embark ('boat' + 'to mount').

mà-ùr: ravine, gorge ('to go' ? + 'mountain pass').

maḫ-bi: adv., powerfully ('great' + adverbial force suffix).

$^{\text{ĝiš}}$mar-da ri-a: riding with the wagon ('wagon' + comitative + 'to be located' + nominative).

$^{\text{ĝiš}}$mar-gíd-da: wagon ('wagon' + 'to draw, pull, tow' + nominative).

mar-ru$_{10}$[TU/GUR$_8$]: flood (cf., mar-uru$_5$).

mar-sa: boat transport center ('to lock up' + 'to compensate').

$^{\text{lú}}$MAR-TU[-KI], ĝar$_7$-dú: nomad; Amorite - Semitic nomad of the western desert ('wagon' + 'to be born').

$^{\text{(tu15)}}$mar-uru$_5$[TU/GUR$_8$]: floodstorm (cf., é-mar-uru$_5$) ('to immerse' + 'high, deep').

maš-dà: gazelle (cf., mašda).

$^{\text{iti}}$maš-dù-gu$_7$: calendar month 1 at Drehem through Šu-Sin 3; calendar month 2 at Drehem after Šu-Sin 3; calendar month 2 at Ur during Ur III.

maš-gána: settlement (Akk. loanword from *maškanum*, 'location, site', cf., *šakaanum* 'to place') (ZATU-356 archaic frequency: 4).

maš-ĝi$_6$: (cf., máš-ĝi$_6$).

maš-ki: agricultural income, yield ('profit, produce, yield' + 'earth').

maš-maš(-gal): a type of priest - (great) exorcist (reduplicated 'goat kid; one-half; loan interest, profit').

maš-šu-gíd-gíd: (cf., šu-maš-gíd-gíd).

maš-tab-ba: young twins ('twin' + 'to be double' + nominative).

máš-anše: animals, livestock ('goats' + 'equids').

máš-da-ri-a; maš-da-rá-a: offering ('goat kid' + 'driven [animal]').

máš-ĝi$_6$, maš-ĝi$_6$: night-time vision, dream; omen ('goat/extispicy' + 'black/night').

máš-lulim: hind (female of the red deer) (smaller goat-like animal + 'stag, hart').

máš-niga: grain-fed kid (smaller goat-like animal + 'fattened').

máš...šub: describes an animal dropping or birthing its young ('goat' + 'to drop').

máš-ùz-da(-k): breeding he-goat ('he-goat' + 'she-goat' + genitive).

me-a; mí-a: where ?; how ? ('to be' + locative).

me-a...lu(-lu): how numerous are...? ('how ?' + 'numerous').

me-a...túm: to prepare something for the sake of one of the civilized functions ('me' + locative + 'to be suitable; to prepare').

me-àm: where is ? ('to be' + locative + enclitic copula).

^{ĝiš}me-dím: ship's railing (?) ('function' + 'to build').

me-du$_{10}$-du$_{10}$-ga: the good 'me's, the beneficial functions. ('civilization's functions' + reduplicated 'sweet, good' + nominative).

me-en: I am; I; also a writing for me, 'function' ('to be' + '1st & 2nd person ending').

me-en-dè(-en): we; us ('to be' + '1st person plural ending').

me-en-zè(-en): you (plural) ('to be' + '2nd person plural ending').

-me-eš: used as plural suffix, especially in late Sumerian and Akkadian context texts.

me-gal: great office ('function' + 'great').

me-te...ĝál: to be fitting ('fitting thing' + 'to be').

me...ĝar: to make silent ('divine decree' + 'to set').

me-ḫuš: terrible 'me's, negative attributes ('functions' + 'terrible, angry').

me-kìlib-ba: all the 'me's, all the functions of civilized life.

me-lám/li$_9$(-m), me-lim$_5$[LAM]: terrifying glance; splendor, radiance; halo, aura, light (myth.) ('divine power' + 'awe-inspiring quality; to shine').

me-lám...sù-sù: to deck with splendor ('splendor' + 'to strew, furnish, provide').

me-li-e-a: 'woe is me'.

me-luḫ-ḫa^{ki}: a country - probably the Indus valley civilization in Pakistan.

me-maḫ: the high 'me's, the high functions ('function' + 'high, exalted').

me-na-àm: when? ('to be' + èn, 'time; until' + enclitic copula).

me-na-šè: how long? ('to be' + èn, 'time; until' + terminative).

me-nam-nun-na: the (god-given) 'me' of royalty ('function' + 'rulership' + genitive).

me-ni-da: along with himself ('to be' + 'self' + 'with').

me-nì-galam: perfected 'me's ('functions' + 'thing' + 'artistic, complicated').

me-re: Emesal dialect for g̃ìri.

me-šár-ra; me-ša-ra: all the 'me's ('functions' + 'totality; to be numerous' + nominative).

me-šè: where to?, to where ? ('to be' + terminative).

me-te: fitting thing; suitability; unique; ornament; proper dress ('function' + 'to meet').

me-te-bi-im: to suit, befit ('to be its fitting thing').

me-te-g̃ál-sag̃-g̃i$_6$-ga: adornment of the black-headed people, such as national totems, tatoos, costumes or other symbols of the Sumerians ('ornament' + 'to be' + 'the black-headed' + genitive).

me(-da)...tùm: how will X attain or succeed ('function' + comitative + 'to obtain').

mè-šen(-šen-na): battle; war ('battle' + 'copper implement').

men-an-uraš-a: crown of heaven and earth ('crown' + 'heaven' + 'earth' + genitive).

men-dalla: beaming crown ('crown' + 'beam, ray; to be bright').

men-ri-ba; men-rib-ba: supreme crown ('crown' + 'supreme').

men-sag̃: head-crown ('crown' + 'head'; cf., sag̃-men).

mi-ir: Emesal dialect for g̃íri, 'scorpion'.

mi-rí: (cf., mer).

$^{\text{g̃iš}}$mi-rí-tum: a musical instrument (loanword).

$^{\text{(g̃iš)}}$MI(-si)-saḫar(-ra)$^{\text{(ku6)}}$: sieve; moray eel (?) ('dark'(?) + 'ray-like; to fill' + 'sand, sediment' + genitive/locative).

$^{\text{(g̃iš)}}$mi-tum: a mace (Akkadian, *miitum*, 'dead man').

mí-a: (cf., me-a).

mí...dug$_4$/du$_{11}$/e: to praise; to handle gently, caress, rub; to take great care with (often with -ni-) ('female' + 'to speak, do').

MÍ-eden-na: she-ass of the steppe ('female' + 'steppe' + genitive).

MÍ-gir: heifer, young cow ('female' + 'young heifer').

MÍ-u$_5$-a: selected for breeding ('female' + 'to mount' + nominative).

MÍ-u$_8$: ewe lamb ('female' + 'ewe').

mí-ús-sá: bride ?; son-in-law ? ('woman' + 'to come near to' + 'to equal in value').

mí-ús-sá-tur: son-in-law ('woman' + 'to come near to' + 'to equal in value' + 'young, little').

^{iti}min-èš: calendar month 7 at Umma during Ur III.

mu-X: year X (indicates a date according to a notable event that occurred during the year).

mu-...-a(k)-šè: because (in a nominalized sentence); for somebody's sake ('name' + genitive + terminative).

mu-dili-dili: individual entries (in a lexical series) ('entry, line on a tablet' + reduplicated 'single').

mu-dù-ù-bi: all year long ('year' + 'to work' + 'after' + 'it').

mu-dur$_7$[BU](-ra): dirt; dirty (rags).

mu-gub: assigned lines ('word, sentence' + 'to set down').

mu ḫé-g̃ál-la: a year of abundance ('year' + 'overflow; abundance' + genitive).

mu-im-ma: last year ('year' + 'last, previous').

mu-lá: (cf., gal$_5$-la).

mu-mu-a: among all names = among known persons (reduplicated 'name' + locative).

mu...pàd/pà: to invoke; to choose ('name' + 'to call, swear').

mu-lugal...pàd/pà: to swear by the king's name ('name' + king + 'to call, swear').

mu-ru(-b): (cf., murub$_4$, múru).

mu(-šè)...sa$_4$: to name; to give as name ('name' (+ terminative) + 'to name').

mu-sar-ra: (royal) inscription ('name, word' + 'to write' + nominative).

^{túg}mu-sír-ra: mourning garment ('garment' + personal prefix + 'weak, feverish' + nominative).

mu-ša-lum: mirror (Akkadian loanword).

mu...šè: because ('name' + terminative).

^{iti}mu-šu-du$_7$: calendar month 9 at Lagaš during Ur III.

mu-tuku: to be famous ('name' + 'to have').

mu-túm: delivery (personal prefix + 'to bring').

mu-ú-a: this year ('year' + ? + nominative).

mu-ud-na: spouse (mud, 'to give birth' + 'human being').

mu-ús-sa: the following year ('year' + 'to follow' + nominative).

mú-mú: always being reborn (such as the moon) (reduplicated 'to ignite; to sprout, appear').

mu$_6$[PA]-sùb: shepherd (PA as mu$_6$ only occurs in this compound + 'shepherd').

mud-g̃ál: begetter ('to give birth' + 'to be').

mug...dun: to sort out the tow (from the usable, longer fibers) ('tow' + 'to heap up').

mun-du: emmer groats; morning meal (time); an acceptable food offering for the dead (Akk. *mundu*).

mun-gazi: spices; an industrial process of reducing the volume of goods by pulverizing until 'like salt' ('salt' + 'cassia spice').

mur-gig: paralysis (?); lung cancer (?) ('lungs' + 'illness; to be sick, painful').

mur-gu$_4$: fodder, forage, feed ('fodder' + 'domestic ox').

^{iti}munu$_4$-gu$_7$: calendar month 5 at Lagaš during Ur III.

munus-kar-ke$_4$: (cf., $^{(munus)}$kar-kid).

murgu-ba: turtle carapace, shell - used as a mixing bowl or trough ('back' + 'turtle').

múrgu[LUM]-...-ta: after ('back' + ablative).

^{iti}murub$_4$: calendar month 4 at Umma during Ur III.

muš-da-gur$_4$: gecko, lizard ('reptile'+ 'arms, sides' + 'plump, big').

múš...dub: comb or set hair ('appearance' + 'to heap up').

mùš...de$_6$/túm: to stop working; to cease ('appearance' + 'to prepare').

mùš-me: face, features ('face, appearance' + 'to say, tell').

mušen-dù: fowler ('bird' + 'to mould').

na-ab-bé-a: thus does he/she speak (affirmative + ĩ, conjugation prefix + b, inanimate pronominal prefix + e, 'to speak' in *marû* singular + e, 3rd person *marû* singular subject marker + nominal).

na-áğ-gi$_4$-in: slavery ('human being' + 'to check, measure' + 'slave').

na...de$_5$[RI]: to give advice, instructions; to cleanse; to fell trees (cf., na...ri(-g)) (prohibitive/affirmative + 'to advise').

na-DU: read na...de$_6$ or na...ri$_6$, 'advice, instructions'.

na-gada: herdsman (from Akkadian *naaqidum*, 'shepherd').

na-ğá-aḫ: fool ('human being' + 'to deliver' + 'spittle' ?).

na-izi: incense ('incense' + 'fire').

na-kab-tum: a cattle pen (Akk. loanword, indicating a place for cattle to be inseminated).

na-nam: indeed.

na(-šè)...ri(-g): to inspect; to counsel in a friendly way (cf., na...de$_5$) (prohibitive/affirmative + 'to pick').

na-RI: instructions (cf., na-DU).

na$_{(4)}$-rú-a: stele, dedicatory stone ('stone' + 'to erect, plant' + nominative).

^{ğiš}ná-gi$_4$-rin-na: divine bed ('bed' + 'fruit, flowers' + genitive).

na$_4$-šag$_4$-túg: stone weight for cloak ('pebble, weight' + 'inside' + 'cloth garment').

na$_4$-šu-mìn: anvil ('weight' + 'hand, strength' + 'partner, equal').

nağ-énsi-ka: city ruler beverage ('drink' + 'city ruler' + genitive).

nağ-ku$_5$: reservoir created by erecting embankments off to the side of a canal to which to divert some of the flood water within the canal ('drink' + 'to cut').

nağ-TAR: drinking water reservoir ('drink' + 'to separate').

naĝa...dúb: to wash with soap ('soap' + 'to flop about, strike').

naĝa-gaz: crushed soda (plant ?) ('soda, alkali' + 'to crush, powder').

naĝa-kum: crushed soda (plant ?) ('soda, alkali' + 'to crush, bruise').

naĝa-si-è: sprouted alkaline plant ('soapwort' + 'antennae' + 'to go forth').

naĝa...su-ub: to rub with soap ('soap' + 'to suck [away with]').

nam-a-zu: medical arts (abstract prefix + 'physician').

nam-á-ĝál: strength (abstract prefix + 'arm, strength' + 'to be available').

nam-ab-ba: the older generation, elders (abstract prefix + 'father, elder').

nam-ama: motherhood (abstract prefix + 'mother').

nam-bára: monarchy (abstract prefix + 'throne dais; ruler').

nam-dam: marital status (abstract prefix + 'spouse').

nam-dam-gàr: trade (abstract prefix + 'merchant').

nam-diĝir: divinities (abstract prefix + 'deity').

nam-dùg/du_{10}: something favorable (abstract prefix + 'sweet').

nam-dugud: heaviness; importance (abstract prefix + 'heavy').

nam-dumu: childhood, youth (abstract prefix + 'child').

nam-en: lordship; office of lord, high priest (abstract prefix + 'lord').

nam-en-zi-da: true 'en'-ship ('lordship' + 'legitimate; true' + nominative).

nam-érim; nam-érin: solemn oath; curse (abstract prefix + 'enemy, destruction').

nam-galam(-ma): majesty, perfection (abstract prefix + 'artistic, complicated' + nominative).

nam-gi_4-me-a-aš: collegiality, fellowship (abstract prefix + 'to return, come back' + 'office, function' + locative + plural suffix) (cf., gi_4-me-a-aš).

nam-gur_4: pride; feeling of importance (abstract prefix + 'to feel big').

nam-guruš: youthful vigor (abstract prefix + 'young man, worker').

nam-ḫé: abundance (abstract prefix + 'abundant').

nam-ḫul: pain, discomfort (abstract prefix + 'to harm').

nam-išib: purification.

nam-kalag: strength (abstract prefix + 'strong').

nam...kar: to take away one's destiny ('destiny' + 'to take away').

nam-ki-áĝa: love (abstract prefix + 'to love').

nam-$kiri_4$-šu-dù-a: supplication(s) (abstract prefix + 'supplication(s)').

nam-kù-zu: wisdom, expertise, cleverness (abstract prefix + 'expert').

nam...kud/ku_5: to curse (often with -ta-); to decide ('destiny' + 'to cut').

nam-ku-li: friendship (abstract prefix + 'friend').

nam-érim(-bi)...kud: to swear, confirm by oath ('destiny' + 'hostile' (+ adverbial force suffix) + 'to cut').

PN nam-kúr-re: 'may PN not change it' (na, prohibitive prefix + nasal ĩ, 'impersonal conjugation prefix', + -ib-, 'it', + 'to change' in *marû* form).

nam-lú-inim-ma: the act of witnessing (abstract prefix + 'witness').

nam-lú-u_{18}/lu_7, nam-lú-ùlu: people, mankind, humanity (abstract prefix + 'human being' + 'huge').

nam-lú-ùlu...aka: to treat with human dignity ('humanity' + 'to do').

nam-lugal: kingship (abstract prefix + 'king').

nam-luḫ: purification (abstract prefix + 'to clean').

nam-lul: treachery (abstract prefix + 'to lie, deceive').

nam-maḫ: greatness (abstract prefix + 'high, exalted, great').

nam-maḫ...dug_4/du_{11}/e: to exalt ('greatness' + 'to effect').

nam-me: may he/she/it not be (na, prohibitive + ĩ, conjugation prefix + 'to be').

nam(-ga)-me-a/àm: should there not be (na, prohibitive + { ĩ, conjugation prefix + ga, conjugation prefix 'and then' + me, 'to be' } + (-a)-m, 3rd. sing. enclitic copula).

nam-mu: why does it concern me? (a-na-àm, 'why' + 'my, mine').

nam-mul: sparkling (abstract prefix + 'stars').

nam-nin: rulership; position of supreme power (abstract prefix + 'queen').

nam-nar: concert, harmony (abstract prefix + 'musician').

nam-nir-g̃ál: distinction, reputation; superiority (abstract prefix + 'noble, authority').

nam-nu-tar: ill-fated ('destiny' + 'not' + 'cut').

nam-nun: deep, profound (abstract prefix + 'great, fine, deep').

nam-ra-ag: prisoner of war, used for work; captivity (abstract prefix + 'to impress with a seal').

nam-RI-ḪU: bird breeder (?) (abstract prefix + 'to tend' + 'bird').

nam-sa_6-ga: pleasure (abstract prefix + 'to please, satisfy').

nam-sag̃-g̃á...aka: to treat with respect (abstract prefix + 'first-class' + nominative + 'to do').

nam-sipa...aka: to practice shepherdship (abstract prefix + 'shepherd' + 'to do').

nam-sun_5: humility (abstract prefix + 'modesty').

nam-sun_7: quarreling, bickering (abstract prefix + 'quarrel').

nam-šeš(-a): bitterness (abstract prefix + 'to taste bitter').

nam-šilig: violence (abstract prefix + 'powerful; axe').

nam-šilig...aka: to use violence ('violence' + 'to do').

nam-šilig...gum/gú-g̃á-àm: it is disastrous (?) ('violence' + 'mortar/back of neck' + 'to place' + 'it is').

nam-šita: prayer, supplication (abstract prefix + 'clean, bathed').

nam-šub: incantation, spell (abstract prefix + 'to cast').

nam-tag: responsibility, guilt (abstract prefix + 'to handle').

nam-tar: fate, destiny (abstract prefix + 'to determine, decide').

nam...tar: to decree the fate (most often with -ni-, or -ri-, 2. sg.; with -da- indicates that several parties are deciding the fate); to make a firm promise ('destiny' + 'to determine').

nam-tar-eg̃ir-ra(-/ak/): the future order ('fate' + 'future' + genitive).

nam-ti, nam-til-la: life (abstract prefix + 'to live').

nam-ugula[PA]: foremanship (abstract prefix + 'foreman').

nam-ur$_5$-ra: after that, as a result ('destiny' + 'it' + genitive).

nam-ùkur/úku(-r): poverty (abstract prefix + 'to be poor').

nam-umun-na: sovereignty (abstract prefix + 'title of respect' + nominative).

nam-úš: death (abstract prefix + 'to die').

NÁM-di: swindle (?) ('planning ability' + 'legal case').

ne...gub: to position oneself ('precise' + 'to stand'; cf., ní...gub).

ne-ḫa: rest, repose (from Akkadian *neehtum*, 'peace, security').

ne-mur: glowing coals, fire.

[iti]NE-izi-g̃ar: calendar month 5 at Nippur during Ur III.

NE-ra: (cf., bí-ra).

ne-sag̃: (cf., nisag̃).

ne...su-ub: to kiss ('an instance' + sub, 'to suck').

ne-šè: on whose behalf ?; concerning someone ('this one' + terminative suffix).

NI-dub: (cf., ì-dub).

ni-gi-da: unit of sixty, thing of sixty = ba-rí-ga (níg̃-g̃ešta).

ni-gi$_4$-íb: a resin ('this one' + 'to restore' + 'loins').

ni-ik-tum: a resin (loanword ?).

ni-is-ku: choice; a class of persons or animals; fine steed (from Akkadian *nisqum*).

NI-KUŠ-NÍG̃IN: a vessel.

ní-a: by itself ('self' + adverbial suffix).

ní-ba: by itself ('self' + bi, 'its' + a, nominative ?).

ní-bi(-a): (by) itself ('self' + adverbial force suffix).

ní-buluĝ$_5$[DÚB]; ní-balaĝ: pompous ('self' + 'to grow big').

ní...dar: to be fearful ('fear' + 'to slice, shatter').

ní-diĝir(-/ak/): the fear of god ('fear' + 'god' + genitive).

ní[IM]...dirig: to sail ('self' + 'to float over'; ní reading from Alster, *Sumerian Proverbs*).

ní...dúb: to relax ('self' + 'to knock down').

ní-gal: great fear, awe ('fear, awe' + 'great').

ní-ĝál: terrifying ('fear' + 'to place').

ní...gíd: to stretch out ('self' + 'to reach out, lengthen').

ní...gub: to position oneself ('self' + 'to stand'; cf., ne...gub).

ní-gùr-(r); ní-guru$_6$: imposing, awesome ('fear, awe' + 'bearing').

ní-ĝu$_{10}$, ní-mu: myself ('self' + 'my').

ní...íla: to inspire awe; to raise oneself ('fear, awe; self' + 'to raise').

ní(-zu)...lá: to diminish or humiliate (your)self ('self' + 'your' + 'to diminish').

ní...ri: to be afraid of something, to inspire fear (with -da-) ('fear' + 'to strike').

ní-su-ub: coward ('fear' + 'to suck; to pray, prostrate oneself').

ní šu-a...gi$_4$: to submit oneself to someone's protection ('self' + 'hand, strength' + locative + 'to return to').

ní...te/ti(-ĝe$_{26}$): to be scared; to fear, respect (with -da-) ('fear' + 'to attack').

ní...te(-en): to rest; to calm down; to cool ('fear; body' + ten, 'to extinguish, allay, cool down').

ní-te(-n): alone; personally ('fear' + 'to be frightened').

ní...tuku: to experience awe or fear; awesome ('fear' + 'to get, have').

ní-zu: yourself ('self' + 'your').

ní-zu/zuḫ: (cf., lú-ní-zu, lú-ní-zuḫ).

nì: (cf., níĝ).

^{túg}níĝ-XXX: (cf., túg-níĝ-XXX).

níĝ-a-ru: a consecrated gift ('thing' + 'to give as a votive gift').

níĝ-á-ĝar: violence ('thing' + 'arm, strength' + 'to set').

níĝ-á-sì-ga: well-established (?) ('thing' + 'strength' + 'to set in place' + nominative).

^{lú}níĝ-áĝa: a temple servant ('things' + 'to measure, check').

níĝ-ak-ak: deed; activity ('thing' + reduplicated 'to do').

níĝ-ba: gift, present ('thing' + 'to give').

níĝ-bal-bal: trading of merchandise ('things' + 'to revolve, transfer, deliver').

níĝ-bàn-da: a measuring vessel ('thing' + 'junior').

níĝ-bún-na (ku6): turtle ('thing' + 'blister; to be swollen').

níĝ-dab$_5$: something held or for which responsibility is assumed; wages ('thing' + 'to hold, hire, receive').

lúníĝ-dab$_5$[-ba]-ke$_4$-ne: warehouse keepers ('thing' + 'to hold, receive').

níĝ-daĝal: teeming; wide ('things' + 'copious').

níĝ-dím-dím-ma: created creatures ('things' + 'to fashion, create' + nominative).

níĝ-diri: supplement ('thing' + 'addition').

NÍĜ-DU: a length measure.

níĝ-dù-a: a measure for fruit ('thing' + 'to erect on the ground' + nominative).

níĝ-du$_7$: what is suitable, prescribed, or as it should be ('thing' + 'suitable').

níĝ...dug$_4$: to say something ('thing' + 'to speak').

níĝ-á-zi...dug$_4$: to speak unjustly ('thing' + 'violence' + 'to speak').

níĝ-DUN: submission ('thing' + 'subordinate).

níĝ-en-na: 'gentlemen's possession' ('thing' + 'lord' + genitive).

níĝ-érim: evil; wickedness; dishonesty; injustice ('thing' + 'hostile').

giníĝ-esir-ra: washbowl (made of bitumen-coated reeds) ('thing' + 'bitumen' + genitive).

níĝ-GA: (cf., níĝ-gur$_{11}$).

níĝ ga-ti: I promise it ('thing' + 1st person cohortative modal prefix + 'to keep alive').

níĝ gal-gal: things of all sort ('thing' + reduplicated 'big').

níĝ-gi-na: justice; trustworthiness; truth ('thing' + 'true, reliable' + nominative).

níĝ-gig: evil; taboo, abomination ('thing' + 'illness').

níĝ-gilim: sieve; ruining, spoiling; mongoose ('thing' + 'to twist'; cf., dnin-kilim).

níĝ-gu$_7$: food ('thing' + 'to eat').

níĝ-gu$_7$-a: fattened; consumption; food consumed ('thing' + 'to eat' + nominative suffix).

níĝ-gu$_7$-da: nourishment ('thing' + 'to eat' + contraction of *marû* participial and nominative suffixes).

níĝ-gu$_7$-dè: something designated for consuming ('thing' + 'to eat' + *marû* participial suffix).

níĝ-gul: maul, used to break the clods left after harrowing ('thing' + 'to destroy').

níĝ-gur$_{11}$[GA]: property; possession; property owner ('thing' + 'piled up').

níĝ-ĝál(-la): sickle ('object' + 'to fill a storage basket' + nominative).

níĝ-ĝiš-tag-ga: offering ('object' + 'to make a religious offering').

níĝ-ḫu-ḫu-nu: helplessness ('object' + 'helpless').

níĝ-igi...nu-du$_8$-a: something never seen (by an eye) ('thing' + 'eye' + 'not' + 'to crack open' + nominative).

níĝ-íl(-l): support ('thing' + 'to raise up').

níĝ-im-ba: loss ('thing' + 'the paid out').

níĝ-ka-bi ba-ak: account settled ('account' + 'its' + conjugation prefix + 'to make').

níĝ-kal-la: precious ('thing' + 'to value, esteem' + nominative).

níĝ-kal-kal(-la): everything valuable ('things' + reduplicated 'to value, esteem' + nominative).

níĝ-kas_7/ka_9[ŠID]: account; accounting; result (of a mathematical operation or calculation) (from Akk. *nikkassu*, 'deduction', from *nakaasu*, 'to cut off').

níĝ-ka_9-ak: balanced account ('account' + 'made').

níĝ-kas_7; níĝ-gaz: half-reed = 3 cubits (Akk. *nikkas*).

níĝ-ki: vermin; beasts ('things' + 'ground').

níĝ-ki-sè: funerary offerings (cf., ki-sì-ga) ('things' + 'ground' + 'to apply').

níĝ-kú: (cf., níĝ-gu_7).

ĝišníĝ-ku_5(-da): wedge to tighten a bound join ? on a plow ('thing' + 'to separate' + nominative).

níĝ-kúr: belligerence; breaking an agreement ('thing' + 'hostile'/'to change').

níĝ-lul-la: treachery ('thing' + 'to lie, deceive' + nominative).

níĝ-maḫ: a lot; too much ('thing' + 'to be large').

níĝ-me-ĝar: silence; acclaim; the 'perfect tribute' ('thing' + 'to make silent').

níĝ-mí-ús-sá: wedding gift ('thing' + 'woman' + 'to come near to' + 'to equal in value').

níĝ-na-me; níĝ-nam: anything ('thing' + emphatic prefix + 'to be').

níĝ-nam-kù: property made of precious metal ('possessions' + abstract prefix + 'precious metal').

níĝ-nam-nu-kal: nothing is precious ('anything' + 'not' + 'valued').

níĝ-nam-tar-ra: nature ('thing' + 'fate').

níĝ-nu-dùg: unpleasant (things) ('things' + not + 'sweet, good').

níĝ-nu-mu-da-sá: nothing is comparable with it ('things' + 'not' + conjugation prefix + 'with' + 'to equal in value').

níĝ-nu-sa_6-ga: unpleasant (things) ('things' + not + 'sweet, good').

níĝ...ra: to throw something; to beat (up) ('thing' + 'to strike').

níĝ-sa-$ḫa_{(2)}$: fruit remaining after the harvest; garden fruit; springtime fruit ('thing' + Akk. ,*sahharu*, 'something small'; cf., also Akk. *muthummu*).

(urudu)níĝ-sa-sa: roasting oven ('thing' + 'roasting').

níĝ-sá[DI]: goal ('thing' + 'to compare with; to compete').

níĝ-sa_6-ga: pleasure, happiness ('thing' + 'sweet, good').

níĝ-sám: price ('thing' + 'to buy, sell').

níĝ-sám/sa_{10}-ma(-šè): (for) purchase ('thing' + 'to buy, sell' + nominative [+ terminative suffix]).

níĝ-si-sá: equity, justice, fairness ('thing' + 'straight').

níĝ-sig-ga: weakness ('thing' + 'small, weak').

níĝ-sila$_{11}$[ŠID]-ĝá: dough.

níĝ-šà-bi: what is in it; contents ('things' + 'interior' + 'its').

níĝ-šà-ĝar-ra: famine ('thing' + 'hunger' + nominative).

níĝ-šà-te-na: soothing to one's heart or mood ('thing' + 'heart, mood' + 'to soothe' + nominative).

níĝ-ŠID: (cf., níĝ-kas$_7$/ka$_9$).

níĝ-šu-ĝá: everything in my hands ('thing' + 'hands' + 'in my').

níĝ-šu-taka$_4$-a: objects that will be given away ('object' + 'to send, abandon' + nominative).

níĝ-šu-ti-a: what(ever) one receives ('object' + 'to receive' + nominative).

níĝ...šub: to neglect something ('thing' + 'to let drop').

níĝ-túg: blanket (for an animal); pack-saddle ('thing' + 'cloth').

níĝ-tuku: rich, wealthy ('thing' + 'to have').

níĝ-tukum-ta(-/ak/): something coincidental ('thing' + 'if' + 'from' + genitive).

níĝ-tur: a small amount ('thing' + 'small').

níĝ-ú-rum: possession; acquisition ('thing' + 'personal, private').

níĝ-ú-zug$_4$[KA×LI]: foul food ('thing' + 'plant, food' + 'to spit out ?').

níĝ-u$_4$-da-rí(-/ak/): everlasting, persistent ('thing' + 'days' + 'long lasting' + genitive).

níĝ-u$_4$-ì[ZAL]-li: something for the future ('thing' + 'days' + 'to pass' + participial *marû* e(d) with vowel harmony).

níĝ-ul: what is fit for the cult ('thing' + 'primordial').

níĝ-úr-limmu: four-legged creature, livestock ('thing' + 'legs' + 'four').

níĝ-ur$_5$-sa$_6$-sa$_6$: sweetness; (sexual) happiness ('thing' + ur$_5$...sa$_6$, 'to feel comfortable').

níĝ-zi(-šà)-ĝál: living creature ('thing' + 'alive').

níĝ-zú-gub: food ('thing' + 'teeth' + 'to set').

níĝ-zuḫ: something stolen ('thing' + 'to steal, rob').

^{lú}níĝ-ZUM-DIM$_4$: a temple servant.

niĝir-si: paranymph, a man who had to take care of the bride before the young couple was married ('a bride's male attendant' + 'upright, normal').

nim...ĝír: to lighten; to flash ('upper country' + 'lightning flash').

nin-diĝir: high priestess ('lady' + 'gods').

nin-EN: (cf., nin-uru$_{16}$).

nin-išib: lustration priestess ('lady' + 'to purify').

^{d}nin-kilim: mongoose ('divine proprietress' + 'herd of wild animals'; cf., níĝ-gilim).

^{d}nin-nínna^{mušen}: owl ('divine proprietress' + 'owl').

nin ur$_5$ ì-sa$_6$: lady, sweetheart ('lady' + 'to be/make comfortable, happy').

nin-uru$_{16}$: mighty queen ('lady' + 'mighty').

ninda-àr-ra: pulpy dish (prepared) of green-malt ('bread' + 'to chew' + nominative).

ninda-ba: bread offering ('bread' + 'to give; to divide, apportion').

ninda-bar-si: a type of bread made with bar-si emmer wheat flour.

ninda-durun$_x$[DÚR.DÚR]-na: long-lasting bread (?); bread to eat while sitting (?) ('bread' + 'to sit, dwell; to dry out' + nominative; opposed to ninda-gub-ba, 'snack-bread').

ninda-gu: a type of bread ('bread' + 'net' ?).

ninda-gu$_7$: food ('bread; food' + 'to eat').

ninda-ĝíri: a type of bread ('bread' + 'expedition, trip').

ninda-KA-gu$_7$: a type of bread ('bread' + 'mouth' + 'to eat').

ninda-kum$_4$[UD]-ma: a type of bread ('bread' + 'mortar-ground flour' + nominative).

ninda-pad-rá: morsels of bread ('bread' + 'bite, morsel').

ninda-saĝ-gu$_7$: the best bread for eating ('bread' + 'prime' + 'to eat').

ninda-síki[UD]: a type of bread.

ninda-SÌLA: a type of bread ('bread' + 'liter').

NIR-da: (cf., šer$_7$-da).

nir-ĝál: noble (one); authority, expert; authorities; reliance ('raised high' + 'to be').

nir...ĝál: to have authority; to be reliable; to rely, trust in (with -da-) ('authority' + 'to be with').

nir-ĝál-mè-a: respected in battle ('authority' + 'battle' + locative).

nir-gam-(m): vault ('raised high' + 'to curve').

nir-pad^{ku6}: a fish ? ('frog' + 'bite, small repast').

NITAḪ-dun-gi: a type of jackass ('male' + 'yoke' ?).

nìta[MUNUS-UŠ]-dam: husband ('male' + 'spouse').

nu-a: to lack, be without ('not' + nominative).

nu-banda$_{3,5}$: supervisor of works, overseer ('not' + 'young').

nu-dùg(-ga): unpleasant ('not' + 'sweet, good' + nominative).

nu-dug$_4$-ga: not talking ('not' + 'to speak' + nominative).

nu-èš: knife bearer - a cultic functionary ('image, likeness' + 'shrine').

nu-gi-na: unjust; unfit ('not' + 'just; firm' + nominative).

nu-gig: temple prostitute, hierodule ('not' + 'sick, painful').

nu-g̃ar-ra: thriftless; disorderly ('not' + 'to store' + nominative).

nu-$^{g̃iš}$kiri$_6$(-k): gardener (pronominal prefix or dialectal lú --> nu ?).

nu-kù: no money, i.e., a worthless penny ('not' + 'silver, precious metal').

$^{g̃iš}$nu-kúš: door pivot ('not' + 'to be tired').

nu-kúš-ù: restlessness ('not' + 'to be tired').

nu-luḫ-ḫa$^{(sar)}$: a plant (asa foetida) the fetid gum resin of whose root was used as a medicine ('not' + 'to be clean, fresh' + nominative).

nu-ma-su: (cf., nu-mu-un-su).

nu-me-a: which is not.... ('not' + 'to be' + nominative).

nu-me-en-na-ta: you don't exist ('not' + me-en, 'to be', 2nd pers. sing. + a-ta, temporal clause suffix).

nu-mu-da-sá: (cf., níg̃-nu-mu-da-sá).

nu-mu-un-su, nu-ma-su: widow ('she has not replaced [her husband]').

nu-ra: not stamped with a seal ('not' + 'to stamp').

nu-sa$_6$: not good ('not' + 'sweet, good').

nu-siki/síg: orphan ('not' + 'wool [garment/blanket?]').

$^{(g̃iš)}$nu-úr-ma: pomegranate (tree) (Akk. *nurmû*, *lurmûm*, *luriinu*; Orel & Stolbova #2122 ***riman-** 'fruit').

nu(-un/ub)-zu: to not know; to not recognize; to not notice ('not' (+ 'him, her'/'it') + 'to know').

nu-zu: ignorant ('not' + 'to know').

nu-zu-a: unknown ('not' + 'to know' + nominative).

num-saḫar-ra: fly (insect) ('flying insect' + 'dust; rubbish' + genitive).

numun...è/i-i: to issue seed, bring forth offspring ('seed' + 'to send forth').

numun...g̃ar: to sow ('seed' + 'to place, deposit').

$^{g̃iš}$numun-g̃ar-GUL: a part of the seeder plow ('seed' + 'to place' + 'to obstruct').

NUMUN-g̃isal: a tool ('seed' + 'rudder').

numun-sum-gaz: crushed onion seed ('seed' + 'onion' + 'crushed').

numun...til: to run out of seeds ('seeds' + 'to finish, put an end to').

NUN.ME(.PÙ): (cf., abgal$_{(2)}$).

pa-ág̃: nostrils ('wings' + 'to measure, check').

PA+DUG-um: an allowance, payment.

pa...è; pa-è...aka: to show; to make appear; to let shine; to make resplendent (often with -ni- or bi-) ('bud, sprout' + 'to send forth' + 'to make').

pa$_{(4)}$-ḫar: wages ('small canal' + 'coil of silver', cf, a-pa$_4$).

pa-paḫ: cella, inner sanctum of a temple (cf., Orel & Stolbova #1926, ***pah-** "close, lock").

pa-rim$_4$: (cf., parim).

pa-sa-lal-a: a bundle of brushwood ('branch' + 'bundle' + 'to lift, carry; to bind' + nominative).

pa-TAR: cut-off branches/twigs ('branch' + 'to cut off').

PA+USAN: a shepherd.

pà-da: an occupation ('to find; to declare' + nominative).

pa$_4$[PAB]-a-da-ga: flowing irrigation ditch ('irrigation ditch' + 'flowing with water').

pa$_4$...ba-al: to dig ditches ('irrigation ditch' + 'to dig').

pap-hal(-la): n., leg, thigh; confinement, poverty; share (Akk. loan, cf., ḫal, ḫa-la).

v., to walk.

adj., walking about, movable.

^{iti}pa$_4$-ú-e: calendar month 11 at Umma during Ur III.

pa$_4$-úgur[SIG$_7$]: ditch ('irrigation ditch' + 'field, garden' ?).

pa$_5$-sig: small branch canal ('irrigation ditch, canal' + 'small').

paḫ-zil: an intestinal disease (?) ('legs; leprosy' + 'to divide; to peel').

pe-el(-lá): (cf., pil$_{(2)}$).

pe-en-zé-er: a functionary; hearth tender (?); leather worker (??) ('bellows' + 'to cut'; cf., metaphor in dùg...zil).

peš-mur$_7$: a palm tree product ('palm frond' + 'ridge').

peš-peš: very wide, spacious; physically handicapped (reduplicated 'womb; to expand; to be wide').

péš-$^{(\text{ğiš})}$gi: canebrake mouse or mole rat ('mouse' + 'reeds').

$^{\text{ğiš}}$pèš-duru$_5$: fresh figs ('figs' + 'fresh').

$^{\text{ğiš}}$pèš-ḫád: dried figs ('figs' + 'dried').

$^{\text{ğiš}}$PI-apin: a part of the seeder plow (barig, '36 liters in Old Sumerian period', + 'plow').

pi-il: (cf., pil$_{(2)}$).

pi-lá: (cf., pil$_{(2)}$).

pi-lu$_5$-da: (cf., billuda).

PIRIĞ.TUR: (cf., nemur$_x$).

pisan-dub: container for clay tablets (cf., ğadub; $^{\text{lú}}$ša$_{13}$-dub-ba) ('vessel' + 'clay tablet').

piš$_{10}$...tag: to go aground (said of a boat) ('shore, river bank' + 'to touch, strike').

pu-úḫ-ru-um: assembly (Akk. *puḫru* 'assembly', cf., unkin).

pú$^{\text{ğiš}}$kiri$_6$: irrigated orchard ('well, cistern' + 'orchard').

pú-lá: deep well ('well, cistern' + 'to be high; to hang, stretch, reach').

pú-níĝ-ĝìr(-/ak/): pitfall ('well, cistern' + 'thing' + 'path' + genitive).

ra-aḫ: to strike repetitively [with a hoe]; to shake ('to strike' + ḫ, 'many, numerous').

ra$_{(2)}$-gaba: rider; courier (Akkadian *rakbu*).

ra-ra: to flatten; to make wide (reduplicated 'to stamp').

ri-ba: enormous, supreme (Akkadian *rabbu*).

^{ğiš}ri-gi$_4$-bil-lú: a tool.

ri-ḫa-mun: (cf., im-ri-ḫa-mun).

RI-ḪU: bird breeder (?) ('to tend' + 'birds').

rib-ba: enormous, supreme (Akkadian *rabbu*).

ru-gú: to withstand; to oppose; to move in a direction opposite to; to face (cf., lú-ru-gú-da).

^{ğiš}sa-bí-tum: a musical instrument (Akk. *ṣabiitu* 'gazelle').

sa-šè...DU: to roast ('to roast (barley)' + 'for the sake of' + 'to go').

^{ğiš}sa-du$_8$(-a): a tool ('net, bundle; roasting' + 'residue' + nominative).

sa-dúr(-ra); ŠEŠ-dúr-rá/a: low-lying end of a farmer's field ('?' + 'buttocks').

sa-gaz; saĝ-gaz: highway robber ('head' + 'to smash').

sa-gaz...aka: to rob (someone: dative infix); to commit murder ('robber' + 'to do').

sa...gi$_4$: to prepare ('mat' + 'to restore' ?).

sa-ḫab: (metathesis of zipaḫ).

sa-ḫir: net; bundle (e.g., of straw) ('net' + 'produce, yield').

sa-KU: arms (rare meaning; cf., sa-dúr) ('sinew, tendon' + 'to build ?').

sa...lal/lá: to stretch the net; to sweep; to tie with cords ('net' + 'to stretch').

sa-li: a type of lyre ('string' + 'true measure').

sa-ma(-a)-ná: skin disease; grain diseases such as leaf rust (Akk. *samaanu* 'skin disease').

sa-par$_4$; si-par$_4$: a type of net ('net'/'to fill' + 'to stretch out').

sa-sa: roasting, burning; reddish (reduplicated 'to roast (barley)').

sa-šú-uš-gal: huge net ('cord, net' + šúš/šú, 'to cover' + 'big').

sa-tu: mountain; upper parts (Akk. *šadû(m) I*, 'mountain(s)').

sa-ZI-ZI-a; sa-ZI-ZI-ŠÈ: a trawling (?) net ('net' + 'to take out, extract' + locative or terminative suffix).

sá[DI]...DI: to evaluate ('value' + 'to judge').

sá-dug$_4$/du$_{11}$: a capacity measure, = 24 sìla in Presargonic Girsu and 40 sìla starting with Akkad period; regular "tithe" or "offering" important to the temple economy ('to equal in value' + 'to effect').

$s\acute{a}...dug_4/du_{11}/e$: to reach, arrive, overwhelm (often with -ni-); to provide regular offerings (reduplication class) ('to equal in value' + 'to effect').

sá-g̃ar: adviser, counselor ('guidance' + 'to halt; to turn round').

$s\acute{a}$-nig̃in$_{(2)}$: part of a harness (?) ('guidance' + 'to halt; to turn round').

sá-pa: part of a harness (?) ('guidance' + 'branch; wing').

sá...sè(-g/k): to plot; to plan ('advice' + 'to apply; to compare').

sa_{12}-du_5: read sa_{12}-sug_5 ?, from the Akkadian form *šassukkum*).

sa_{12}-sug_5; sa_{12}-su_5[SAG̃-KU]; sá-sug_5: land register manager; registrar of deeds; librarian ('head' + 'to lay the warp of the land' ?, also read sa_{12}-du_5).

sa_{12}-ti-um[ki]: the eastern mountains.

sag_9-ḫul: both good and bad ('good' + 'bad').

sag̃-a-ki-ta: lower end of a field ('head' + 'water' + 'to be lower' + nominative).

sag̃...aka: to care ('head' + 'to do').

sag̃-kešda/kéš...aka: to pay attention (with -ši-); to admonish ('head' + 'to fasten' + 'to do', cf., g̃izzal...aka).

sag̃ šu...aka: to enslave ('slave' + 'to take captive').

sag̃-an-na: upper end of a field ('head' + 'to be high' + nominative).

sag̃-apin(-na): plow guide ('head' + 'plow' + genitive).

sag̃...bala: to shake the head ('head' + 'to turn').

sag̃...bul: to toss or shake the head ('head' + 'to blow', cf., sag̃...bala).

sag̃-du: head ('head' + 'to walk').

sag̃-du nu-tuku: idiot, a term of derision ('head' + 'not' + 'to have').

sag̃-dù: triangle ('head' + 'shape').

sag̃-dub: regular worker ('head' + 'tablet-recorded').

sag̃...dúb: to smash the head (often with -da-) ('head' + 'to knock down').

SAG̃-DÙN: (cf., sa_{12}-du_5, šassuk).

sag̃-èn-tar: overseer; guardian ('head' + 'to investigate; to take care of, handle').

sag̃-èn...tar: to notice ('head' + 'to investigate').

sag̃-gaz...aka: to slay ('head' + 'smash' + 'to do'; cf., sa-gaz).

sag̃...gi_4: to topple; to close ('head' + 'to send back').

sag̃...gíd: (cf., sag̃-ki...gíd).

sag̃-gú-ne(-/ak/): cupbearer (loan from Akk. *šaaqû*).

sag̃...g̃ar/g̃á-g̃á: to proceed; to oppose (someone/something: -da-) ('the head' + 'to set').

sağ-sig...ğar: to bend or lower one's head (before someone/something: -ši-) ('head' + 'small, weak' + 'to place').

sağ-ği$_6$(-ga): black-headed people; Sumerians ('head' + 'black' + nominative; cf., dumu-gir$_{15}$/gi$_7$ and ki-en-gir$_{15}$/gi$_7$(-r); ki-en-gi(-r)).

sağ-ğiš...ra: to kill, murder ('head' + 'wood tool' + 'to strike').

sağ...ḫa-za: to attach securely ('head' + 'to hold, grasp, retain').

sağ (an-šè)...íl: to lift the head (towards heaven); to raise up ('head' (+ 'unto heaven') + 'to lift up').

sağ-kal-(l): foremost; leader ('head' + 'excellent').

sağ...kal: to choose, prefer; to make foremost, prominent ('head' + 'to value').

sağ...kéš: to attend to; to watch, guard ('head' + 'to bind').

^{kuš}sağ-kéš: a thong connecting the yoke to the plow ('head' + 'to bind').

sağ-ki: forehead ('head, point' + 'place').

sağ-ki...gíd: to get angry (with someone: -da-) ('forehead' + 'to lengthen').

sağ-ki-gud: trapezoid ('head, point' + 'location' + 'bulky like an ox').

SAĞ-KU: (cf., sa$_{12}$-su$_5$).

^{ğiš}sağ-kul: lock ('head' + 'thick').

sağ-kur-ra: a foreign slave ('slave' + 'foreign land' + genitive).

^{ku6}sağ-kúr[PAB]: a fish ('head' + 'strange').

sağ-^{ğiš}má: bow of a boat ('head' + 'boat').

sağ-men: head-crown (cf., men-sağ).

sağ-mí: female slave ('head; slave' + 'female').

sağ-nitaḫ: male slave; (grown) man ('head; slave' + 'male').

sağ-níğ-gur$_{11}$[GA]-ra(-ak): capital on hand ('in front, at first' + 'what' + 'piled up' [+ genitive]; sağ and 'capital' refer to the 'head' of an accounting column in different languages).

sağ-rib: (cf., sağ-kal-(l)).

sağ-rig$_7$: gift; dowry.

sağ/sa$_{12}$...rig$_7$: to donate, bestow, grant, give as a present (with -ni- and -ri-) ('present, gift' + 'to deed, grant', where these meanings derive by back-formation from this compound which derives from Akkadian *šaraakum*).

sağ...sá: to vie with (with -da-) ('head' + 'to compare').

sağ...sal-la: to be silly (?) ('head' + 'to belittle').

sağ...sar: to shave the head ('head' + 'to crop ?').

sağ...sè/sì-(g): to entrust; to take care of; to pay attention ('head' + 'to apply; to surround').

sağ-sig-ga: head-covering ('head' + 'small' + nominative).

sağ̃...sìg: to tremble; to move the head from side to side (with -da-) ('head' + 'to shake').

SAĞ̃-SUG$_5$: (cf., sa$_{12}$-sug$_5$, šassuk).

sağ̃...sum: to hurry towards ('head' + 'to give').

sağ̃-sum-sikil: bulb of garlic ('head' + 'garlic').

sağ̃-šu$_4$: cap ('head' + 'to cover').

sağ̃...túm: to defame ('first position' + 'to carry away').

sağ̃ ú-a...šub: to hide ('head' + 'in the grass' + 'to drop').

sağ̃-ur-sağ̃: eunuch; royal attendant ('head or slave' + 'warrior').

sağ̃-ús: constant; to be available; to care for something's maintenance ('point' + 'to be moored to').

sáğ̃...dug$_4$/du$_{11}$/e: to scatter (with -da- or -ta-) ('scattered' + 'to effect').

saḫar...dub: to raise a cloud of dust ('dust' + 'to shake, agitate').

saḫar(-da)...gi$_4$: to turn into dust; euphemism for 'to die' ('dust' + 'to turn, return').

saḫar-ğ̃ar-ra: volume ('earth' + 'to accumulate' + nominative) (cf., ki-lá).

saḫar si-ga: to pile up earth; earth piling ('earth, silt' + 'to fill, increase' + nominative).

saḫar...su$_{(3)}$: to cover with dust or silt (redup. class) ('dust, silt' + 'to sprinkle, immerse').

saḫar šu-bal-a: to transport earth ('earth, silt' + 'hand' + 'to transfer, deliver' + nominative).

saḫar šu-ti-a: to collect earth ('earth' + 'to receive' + nominative).

saḫar zi-ga: to remove earth or silt; earth moving ('earth, silt' + 'to tear out, deduct' + nominative).

sar-KA×SAR-KA×SAR: a vegetable.

SI.A: (cf., dirig or $^{(gi)}$ušub).

si-BÀD-na: top of the sky ('straight up' + 'to ascend' + nominative).

si-ga: n., silence (cf., sig$_5$).

si-ga/ge: v., to pile or fill up (e.g., earth for a levee or temple foundation).

si-ga: adj., quiet; weak (cf., sig$_5$ and sig).

si-ga kala-ga: weak and strong points.

si-gal: croissant ('horn-shaped' + 'large').

$^{ğ̃iš}$si-ğ̃ar: bolt ('horn; straight' + 'form, appearance').

si-ì-tum: balance owing carried forward from an earlier account (from Akkadian *šiaatum*, 'to leave behind', *šittu*, 'remainder, deficit') (cf., lá-ìa[NI]).

si-ig; si(-g): v., to place into the ground; to calm or put out a fire; to strike down, level; to silence.

adj., silent; weak (cf., sig$_5$ and sig).

si-il: to split; to tear apart; to go away, absent oneself (cf., sila).

(urudu)si-im: kettledrum(s) ? ('to fill' + 'wind').

si-im-si-im...aka: to sniff (reduplicated 'to fill' + 'wind' + 'to do'; cf., šim-im, 'an aromatic substance').

si-li-ig: (cf., šilig, silig).

si-mú: to have horns; horned [can indicate a 'male' animal if only the male sex grows horns] ('horns' + 'to sprout, appear').

si-mùš: shining horns; light rays ('horns; rays' + 'to glisten, shine').

si-par$_4$: (cf., sa-par$_4$).

si-sá: right; legal ('straightness' + 'to equal').

si...sá: to do something in the right way; to make straight; to put in order; to tune (an instrument); to prepare, get ready; to yoke (often with -ni- or bi-) (redupl. class) ('straightness' + 'to equal').

si...si-sá: to assemble in order, to march in line.

si-si-ig: whirlwind (reduplicated sìg, 'to demolish, flatten').

si-šuš-nu: a sea creature ('antennae' + 'to go down' + 'do not').

si$_4$-lum: a garden plant ('reddish' + 'to grow luxuriantly').

sig-sig: narrow (reduplicated 'small').

sig...g̃ar: to prostrate onself ('low' + 'to set').

síg-ba: wool allotment, ration ('hair; wool' + 'share, rations').

síg-bar: loosely hanging hair ('hair' + 'to uncover, expose').

síg-babbar: white wool ('hair; wool' + 'white').

síg ga-zum-aka(-a): carded wool.

síg...peš$_5$: to card wool ('hair, wool' + 'to comb and clean').

síg-sur(-ra): spun wool ('hair; wool' + 'to spray out, expel' + nominative).

síg-ud$_5$: goat's hair ('hair' + 'she-goat').

sìg...dug$_4$/du$_{11}$/e: to be destroyed ('stroke, blow' + 'to apply').

sìg-sìg: whirlwind (reduplicated sìg, 'to demolish, flatten').

sig$_4$-áb: half-brick ('brick' + 'cow' = 'cow pat').

sig$_4$-al-ur$_5$-ra: kiln-burnt brick(s) (cf., ízi-ur$_5$, 'coal').

sig$_4$-anše...gub: to stack a brick pile ('brick' + 'donkey' + 'to set').

sig$_4$-ba: turtle shell (?) ('brick; wall' + 'turtle').

sig$_4$-báḫar(-ra): baked brick (?) or potter's brick(?) ('brick' + 'potter' + genitive).

itisig$_4$-ga: calendar month 3 at Nippur during Ur III.

itisig$_4$-g̃išì-šub-ba-g̃ar: calendar month 2 at Umma during Ur III.

sig_4; sig_{14}; $še_{25}$; $še_{26}$...gi_4: to resound; to shout; to howl (reduplication class) ('walls' + 'to answer').

sig_4-gi_4-a: roaring ('to resound' + nominative).

sig_7-sig_7: to be beautiful (reduplicated 'to be beautiful, pleasing').

sig_{14}[KA×LI]..gi_4: (cf., sig_4...gi_4).

sila-kúr...dab_5/díb: to take a different way ('street' + 'different' + 'to take'/'to traverse').

sìla-bàn-da: small sìla-vessel ('liter' + 'junior').

$sila_4$-ga-sub-ba: milk suckling lamb ('lamb' + 'milk' + 'to suck' + nominative).

$sila_4$-gub: offspring (children or of flocks); mature young of animals ('lambs' + 'to stand').

$sila_4$-nim: early spring lamb ('lamb' + 'early').

$sila_4$-nitaḫ: lamb buck ('lamb' + 'male').

silim...dug_4/du_{11}/di/e: to greet, say "Hello" ('health' + 'to speak').

silim-šè gù...dé: to greet, say "Hello" ('health' + 'regarding' + 'to call, say').

silim...sum: to greet, say "Hello" ('greeting' + 'to give').

sipad-ama-[ŠA.]GAN: shepherd of mother animals ('shepherd' + 'mother' + 'to bring forth').

sipad-amar-ru-ga: shepherd of brought back (?) ('shepherd' + 'young ones' + rúg, 'to restore' + genitive).

sipad-udu-siki-ka: shepherd of wool sheep ('shepherd' + 'sheep' + 'wool' + double genitive).

siskur...e: to say a prayer [often introduces direct, quoted speech in the texts] ('prayer' + 'to speak').

su-a: cat (cf., sug_8).

su-búru: quicksand, quagmire ('to immerse' + 'to dissolve, loosen').

su-din(-dal)^{mušen}: bat ('body' + 'to cure'; Akk. *s/šu(t)tinnu*).

su-din: butterfly; part of a wagon or plough (cf., ^{ĝiš}šudun).

su-gu_7/kú: skin disease ('flesh, skin' + 'to eat, consume').

$su_{(3)}$-ḫé[GAN]: a type of copper; slag; borax (?) powder ('to stretch' + 'to support').

su-lá-a: salted or cured meat ('flesh' + 'to hang' + nominative).

su-lim: awesome radiance, splendor (Akk. *šalummatu*, *šalummu*).

$su_{(11)}$-lum...mar: to disgrace, treat with contempt, mock ('body' + 'manure' + 'to coat, apply'; cf., sulummar).

su-ub: (cf., sub).

su-zìg/zi...ri: to scare ('gooseflesh' + 'to put into').

su...zìg/zi: to have/give gooseflesh; to be afraid of (with -da-) ('flesh' + zìg, zi, 'to stand up, rise').

su-zi: terror.

su$_{(3)}$-ud: (cf., sud).

sù-ga: deceitful(ly) (cf., sug$_4$).

sù(-ud)-áĝa: diamond ?; electrum ?; brass ? ('to be lasting; to rejoice' + 'to measure, check').

sù-rá: far-reaching ('far away' + 'to go'/indicator of ř phoneme in sud).

su$_6$-nam-ti-la: beard of life ('beard' + 'life' + genitive).

su$_6$-za-gìn(-na): lapis lazuli (-colored) beard; clean beard ('beard' + 'lapis lazuli; clean' + genitive; might be some wordplay with Akk. *ziqnu*, 'beard').

^{gi}su$_7$-su$_7$: a basket (reduplicated 'threshing floor').

su$_{11}$...li$_9$-li$_9$: (cf., zú...li$_9$-li$_9$).

su$_{11}$-lum: (cf., zú-lum(-ma)).

SUD-la: a quality of the ground ('to sprinkle, immerse' + 'freshness').

sug-zag-gi$_4$...gu$_7$: to destroy ('swamp' + 'territory' + 'to surround' + 'to finish off').

suḫ-kešda: ornament ('carefully chosen' + 'to fasten').

sukkal-maḫ: vizier, prime minister, 'minister of the interior' ('minister' + 'grand').

sum-GUD: a type of onion ('onion' + 'robust like a bull').

sum-sag$_9$: a type of onion ('onion' + 'good, pleasing').

sum-sikil: garlic ('onion' + 'pure, concentrated').

sum-tab-ba: binding double sheaf ('to give' + 'double' + nominative).

sum-za-ḫa-ti/din: (cf., za-ḫa-ti/din).

sún-si-mú: horned (or male) aurochs cow ('aurochs cow' + 'horned').

ša-ga-ru: a kind of copper.

ša-ra: syllabic spelling for šár-ra, 'numerous'.

ša-ra(-g): to dry up, wither ('to dry up' + 'inundation').

ša-ra-ab-du: (cf., šár-ra-ab-du).

ŠÀ.ÁB: creation ('womb' + 'cow').

šà-a-bar-ra: bastard ('womb' + locative or 'seed' + 'to be foreign' + nominative).

šà...bala: to breed ('womb' + 'to revolve, deliver').

šà-bal-bal: descendant, offspring ('womb' + reduplicated 'to revolve, deliver').

^{ku6}šà-bar: cleaned fish ('intestines' + 'to cut open, remove').

šà-bi-ta: therefrom; deducted from the state-bestowed capital debt (usually precedes account of credit transactions followed by zi-ga[-àm]) ('contents' + 'its' + 'from').

šà-da: voluntarily ('heart' + 'with').

šà...dab$_5$: to be angry ('heart, stomach' + 'to grasp, clench').

šà...dar: to be afraid ('stomach' + 'to slice', cf., ní...dar).

šà-diğir-re-e-ne: the (secret) will of the gods ('interior; will' + 'gods').

šà...diri: to overeat ('stomach' + 'to exceed').

šà-dub-didli: recorded on an individual tablet ('contents' + 'tablet' + 'separate, individual').

šà-dùg: a term for young animals ('heart' + 'sweet').

šà-ga-dù: belt ('stomach' + nominative + 'to mould, shape').

šà-gada-lal: linen-clad ('midst' + 'linen' + 'to drape'; cf., šà-lá-lá).

šà-gal: food, fodder, sustenance ('stomach' + 'enlarge').

šà-gi-na: true heart; one's nature ('heart' + 'to be firm, true' + nominative).

šà-gi_8[IGI]-$guru_{6/7}$: a voluntary offering ('heart' + 'eyes' + 'to shine, be bright; grain heap').

šà-gig-ga: an aching heart ('heart' + 'to be sick, painful' + nominative).

šà-šè...gíd: to bear in mind ('heart' + 'concerning' + 'to measure').

šà(-ge)...$guru_7$: all that one wants ('heart, stomach' (+ 'to the') + 'a large silo').

šà-ğál: what is in one's heart, i.e., the heart's desire ('heart' + 'to dwell').

šà-ğar: hunger ('stomach' + 'to deposit', cf., šağar).

šà-ğar...tuku: to be hungry ('hunger' + 'to have').

šà...ḫuğ: to pacify; to calm down the heart ('heart' + 'to rest').

šà-ḫul...dím: to grieve ('heart' + 'evil' + 'to make').

šà-ḫul-gig: hatred ('heart' + 'evil' + 'to be sick, painful').

šà-ḫúl-la: delight ('heart' + 'to rejoice' + nominative).

šà-ḫúl-la...dirig: to be overflowing with joy ('delight' + 'to exceed').

šà-íb-ba(-/ak/): anger ('midst' + 'loins' + genitive).

šà-ka-tab: hunger ('stomach' + 'mouth' + 'to tremble; to make haste').

šà-ki-áğa: a loving heart ('heart' + 'to love' + nominative).

šà(-ge)...kúr/kár: to change one's mind ('heart, will, mood' + ergative agent marker + 'to change').

šà...kúš(-ù): to rest the heart; to make love to; to take counsel with (with -da-) ('heart' + 'to be tired; to care, worry').

šà...lá: to (en)gorge, stuff ('stomach' + 'to extend, load').

šà-lá-lá: clothed (cf., šà-gada-lal).

šà-lá-sù(-d): merciful; shepherdess ('heart' + 'to extend' + 'far').

šà-ne-$ša_4$: supplications ('heart' + 'this' + 'to grieve').

šà(-ge)...pàd: to choose ('heart, stomach' (+ 'in the') + 'to find, declare').

šà-sig-ga: a depressed heart ('heart' + 'low, small, weak' + nominative).

šà...sìg: to be oppressed ('heart' + 'to strike, crush').

šà-su-ga: dry river bed ('river bed' + sug$_4$, 'to lay bare, empty' + nominative).

šà-sù-ga: hungry; starved; without recompense ('stomach' + 'empty' + nominative).

$^{(gi)}$šà-sur: (reed-mat) sieve ('gut-like container' + 'to press out a liquid').

šà...sur: to have diarrhea; to spawn eggs (said of a fish) ('intestines' + 'to expel a liquid').

šà...šed$_7$: to cool/soothe the heart ('heart' + 'to calm, cool down').

šà-tam: credible, trustworthy; administrative director, commissioner ('heart' + 'to be polished').

šà-túm: field, acre ('womb' + 'to be suitable; to prepare; to obtain').

šà-tur: womb ('insides' + 'child').

šà-uru(-/ak/): town center ('interior, midst' + 'town' + genitive).

šà-zi-ga: excitement ('heart' + 'to rise up' + nominative).

šà-zu: midwife ('womb' + 'to know').

^{lú}ša$_{13}$[ĞÁ]-dub-ba: archivist (cf., ğadub; pisan-dub).

šagan-lá: peddler, trader ('a large jar for oil' + 'to carry').

šáḫ$_{(2)}$-bar-gùn(-gùn)-nu: porcupine ('pig' + 'outside; fleece' + reduplicated 'dot, speckle').

šáḫ$_{(2)}$-ğiš-gi$_{(4)}$: "bush pig" ('pig' + 'trees' + 'reeds').

šáḫ$_{(2)}$-ğiš-gi$_{(4)}$(-ì)-gu$_7$-e: porcupine ('bush pig' + 'it eats').

šáḫ$_{(2)}$-niga: fattened pig ('pig' + 'fattened').

šaḫ$_{(2)}$-ú: pasture grazing pig ('pig' + 'plants, grass').

šáḫ$_{(2)}$-zé-da-bar-sur-ra: porcupine ('pig' + 'to cut' + 'to protect' + 'outside; fleece' + 'to spray out').

šakan-kéš: basket weaver (?) ('large jar for oil', + 'to bind, wrap').

šár-ra-ab-du: a temple official (from Akkadian *šarru*, 'king', + *abdu*, 'slave').

šàr-ra-ús-sa: body guard (from Akkadian *šarru*, 'king', + 'to follow' + nominative; cf., áğa-ús, 'policeman').

še-ba: barley rations distributed by the administration of the temple, palace, etc. ('barley' + 'portion, rations').

še-ba: to be careless, negligent (cf., šub; šab, 'to fall, disappear').

še-bal: barley lost in processing; grain tax ('barley' + 'to demolish').

^{iti}še-bar-ra-ğál-la: calendar month 3 at Umma during Ur III.

še-bi: value-equivalence in barley (used as a standard) ('barley' + 'its').

še-búr-ra: grain released for transport, storage, and further distribution ('barley' + 'to open, release').

še...dé: to clean barley after winnowing ('barley, grain' + 'to pour').

ğišše-dùg: 'sweet corn tree' = licorice tree (?) ('corn' + 'sweet').

še...è: (cf., še ğiš-è-a).

še-er; še-er-še-er; še-er-zi: shine, light, glimmer (syllabic spelling of šér, 'to shine brightly').

še-er-gu/kum: a long string of dried fruit (probable syllabic spelling of Semitic root, 'to lace, interweave').

še-er...ğál: to have authority (Emesal dialect for nir...ğál).

še-er-ka-an...dug$_4$/du$_{11}$/e: to cover with; to adorn (with -ni-) (šár, 'to be many' + gùn, 'to decorate with colors' + 'to effect').

še-er-tab-ba: haystack, cornstack; a type of reed fence (šár, 'to be many' or zár, 'sheaf' + 'to bind, join' + nominative).

še-ga/ge: favorite; to be obedient; to obey; to agree (with -ši-) (cf., sè(g), sig$_{10}$).

še-GAZ: crushed barley ('barley' + 'to crush').

še-gibil: new grain ('grains' + 'new, fresh').

še-gu-nu: fine grains, good crops, late barley ('grains, barley' + gunu, 'load' ?).

še-gub-ba: barley deposit ('barley' + 'to stand, set' + nominative).

še-GUD: einkorn wheat ('grain' + 'robust like a bull').

še gud(-rá) gu$_7$: grain spent as oxen feed ('barley' + 'bull, ox' (+ dative) + 'to feed').

še-gur$_{10}$-ku$_5$: (cf., še-sağ$_{11}$-ku$_5$).

itiše-gur$_{10}$-ku$_5$: (cf., itiše-sağ$_{11}$-ku$_5$).

še-ğar: barley delivery ('barley' + 'to deliver, deposit').

še...ğar: to sow barley; to buy with barley ('barley' + 'to deliver, deposit').

še ğiš-è-a: harvested grain that has just been threshed and only roughly measured with a stick ('grain + 'stick' + 'to exit from' + nominative).

še-ğiš-ì, še-ì-ğiš: sesame seeds; sesame oil ('grain' + 'tree' + 'oil').

še ğiš...ra(-an/aḫ): to thresh grain by beating with a flail ('grain + 'stick' + 'to strike').

itiše-íl-la: calendar month 12 at Lagaš during Ur III.

še...lá: to carry grain; to winnow grain ('grain' + 'to lift').

še-li: pine or juniper seeds ('grain corn' + 'juniper').

še-LÚsar: coriander ('grain corn' + 'man or many') [ŠELU archaic frequency: 28].

še-lum-lum: barley sprouts ('grain corn' + 'juniper').

še-muš$_{(5)}$: bitter grain ('grain' + 'bitter').

še-namušen: (cf., sim, sínmušen).

še-numun: seed ('grain' + 'seed').

še-ri-ga: gleaned grain ('grain' + 'to bring').

še-sa: roasted barley ('barley' + 'to roast').

še-sağ$_{(11)}$-ku$_5$: harvest ('grain' + 'to harvest ?' + 'to cut').

^{iti}še-sağ$_{11}$-ku$_5$: calendar month 12 at Nippur during Ur III; calendar month 11 at Lagaš during Ur III; calendar month 1 at Ur during Ur III; calendar month 1 at Umma during Ur III; calendar month 12 at Drehem before Šu-Sin 3; calendar month 1 at Drehem after Šu-Sin 3.

še...su-ub: to harvest barley ('barley' + 'to suck').

še...ša$_4$: to moan ('grain; tiny' + 'to mourn').

še...šub: to thresh grain by beating ('barley' + 'to throw').

še...ús: 'treading' by animals as a way of threshing grain ('barley' + 'to drive; to follow').

še...zil-zil(-la): to dehusk barley ('barley' + reduplicated 'to peel').

ŠÈ-ba-an: a measure for fish ('portion' + 'a measure'; cf., ba-an).

še$_{10}$...dúr: to fart ('excrement' + 'to break wind').

še$_{25}$/še$_{26}$...gi$_4$: (cf., sig$_4$...gi$_4$).

šen-šen: combat, strife (reduplicated 'mirror' or 'shield' ?).

šer$_7$-da: capital offense; crime; blame; punishment.

šeš-bàn-da: younger brother ('brother' + 'young, junior').

^{iti}šeš-da-gu$_7$: calendar month 2 at Drehem through Šu-Sin 3; calendar month 3 at Drehem after Šu-Sin 3; calendar month 3 at Ur during Ur III.

ŠEŠ-dúr-rá/a: (cf., sa-dúr(-ra)).

šeš-gal: older brother ('brother' + 'large').

šika-ri: shattered potsherds ('potsherd' + 'to break open; to throw away').

šim-gam-gam(-ma): an aromatic substance - turpentine (?) ('aromatic resin' + reduplicated 'to bend; to shrivel').

šim-gig: frankincense - used in making medicinal plasters ('aromatic resin' + 'to be sick').

šim-im: an aromatic substance ('aromatic substance' + 'wind'; cf., si-im-si-im...ak, 'to sniff').

^{lú}šim-nağ: spice drinkers (?) ('spice' + 'to drink').

šim-PI-PI: an aromatic substance.

šim-su-SÁ: cologne, perfume (?) ('aromatic substance' + 'body' + 'to equal, compete with').

ŠIM×KÚŠU: ambergris ('aromatic substance' + 'turtle; whale ?').

šìr-kug: sacred song; incantation ('song' + 'sacred, holy').

šìr...ág̃a: to sing; to cry (out) ('song' + 'to mete out').

šìr-ra-nam-en-na; šìr-re-nam-nir-ra: song of lordship ('song' + 'lordship' + genitive).

ğiš/urudušìr-šìr: chain (probable Akkadian loan word).

šu-a-gi-na: regular, daily offering ('hand; portion' + locative + 'steady' + nominative).

šu...aka: to take captive ('hand' + 'to do').

šu-bal...aka: to alter; to tamper; to set aside ('hand' + 'to change' + 'to do').

šu-gibil-gibil...aka: to renew ('hand' + 'to renovate' + 'to renovate' + 'to do').

šu/šú-luḫ...aka: to clean (a canal) ('hand' + 'to clean' + 'to do').

šu...ba: (cf., šu...bad, šu...bar).

šu...bad: to release ('hand' + 'to open').

šu...bal: to alter; to tamper; to set aside ('hand' + 'to change').

šu...bar: to release, let loose ('hand' + 'to open, release').

šu...búru: to open the hand ('hand' + 'to open').

šu-da: hand and forearm, as a unit of measurement, ell/cubit (cf., kùš) ('hand' + 'arm').

šu-dab$_{(5)}$(-ba): sale ('hand' + 'to clasp, take away' + nominative).

šu...dab$_{(2,4,5)}$: to take or accept ('hand' + 'to hold, take, receive').

šu-kíğ...dab$_{(5)}$: to perform a service; to kneel down ('hand' + 'order, task' + 'to hold/seize').

šu...dag: to roam about; to run away ('hand' + 'to roam').

šu...dar: to slaughter (redupl. class) ('hand' + 'to slice, split, shatter').

šu...de$_6$: to set to work ('hand' + 'to bring').

šu-dim$_4$-ma: loyal ('hand' + 'subservient' + nominative).

šu-dù-a: length measure of 10 fingers = 16.666 cm. ('hands' + 'to stack').

šu...dù: to bind the hands; to apply one's hands to ('hands' + 'to fasten').

šu-ḫul...dù: to destroy ('hands' + 'evil' + 'to fasten').

šu...du$_7$: to embellish; to put on the finishing touches; to complete; to make perfect (with -ta-) (reduplication class) ('hand' + 'to complete').

šu...du$_8$: to hold in the hand (with -ni- or bi-) ('hand' + 'to open').

šu-du$_8$-a: guarantee ('to hold' + nominative).

šu-du$_8$-a...DU(de$_6$/túm): to act as guarantor for ('guarantee' + 'to bring, carry').

šu...dug$_4$/du$_{11}$/e: to touch; to place, put ('hand' + 'to effect').

šu(-dağal)...dug$_4$/du$_{11}$/e: to supply, to provide (generously) with (with -ni-) ('hand' (+ 'wide, copious') + 'to effect').

šu líl-lá...dug$_4$/du$_{11}$/e: to be haunted ('hand' + 'spirit of a place' + 'to effect').

šu pe-el lá...dug_4/du_{11}/e: to defile; to be defiled ('hand' + pil, 'to be/make dirty, defiled' + 'to penetrate, pierce' + 'to effect').

šu sá...dug_4/du_{11}/e: to attain ('hand' + 'to reach, arrive').

šu sùḫ-a...dug_4/du_{11}/e: to confuse, disconcert; to be confused ('hand' + 'in confusion' + 'to effect').

šu-tag...dug_4/du_{11}/e: to adorn; to decorate (with -ni-); to sprinkle; to paint ('hand' + 'to weave, decorate, strike' + 'to effect').

šu ùḫ-a...dug_4/du_{11}/e: (cf., šu sùḫ-a...dug_4/du_{11}/e).

šu-dul_5: (cf., šudun).

^{iti}šu-eš-ša: calendar month 8 at Drehem before Šu-Sin 3; calendar month 9 at Ur during Ur III.

šu-gána: agricultural tool ('hand' + 'field').

šu-$gi_{(4)}$: old ('hand' + 'to return' ?, 'to lock up' ?, 'reed-like' ?).

šu(-a)...gi_4: to bring back; to lead back; to repay; to repeat; to answer ('hand' (+ locative) + 'to return').

šu-gíd: dues; general obligation ('hand' + 'to reach out; to measure out').

šu...gíd: to accept; to observe/inspect the offering animal (cf., šu-maš-gíd-gíd; 'hand' + 'to reach out').

šu...gu_4-gu_4-ud: to jumpily move around ('hand' + 'to leap, dance').

šu...gur: to roll; to wrap; to wipe ('hand' + 'circular motion').

šu...g̃ál: to hold by the hand ('hand' + 'to place in').

šu-g̃ar: effect ('hand' + 'to deliver').

šu...g̃ar: to perform a task; to carry out; to be favorable; to cease doing something (with -ta-) ('hand' + 'to deliver').

šu(-a/šè)...g̃ar: to be/place in the hand; to subdue ('hand' + locative/terminative + 'to deliver').

šu-šu...g̃ar: to grant a pardon ('hand' + 'hand' + 'to deliver').

šu-ḫa: robber (cf., šu-ku_6(-d)).

šu...ḫa-za: to hold in the hand ('hand' + 'to hold, grasp').

šu-ḫal-la: open hand ('hand' + 'to divide, distribute' + nominative).

šu...ḫu-uz: to roast; to burn ('hand' + 'to rage at') (cf., šu...ru-uz).

$^{(lú)}$šu-i: barber ('hand' + 'to sprout' ?).

šu-íl-$la_{(2)}$: prayer (hand-raising) ('hand' + 'to raise' + nominative).

šu...íl: to build; to grow rich ('hand' + 'to raise').

šu...$kar_{(2)}$: to take away; to withdraw ('hand' + 'to take away').

$^{g̃iš}$šu-kár: tools, parts, components ('hand' + 'to encircle, besiege').

šu ki-in-dar: full of cracks ('handful' + 'crevices').

ĝišŠu-KIN: sickle ('hand' + 'work, task'; cf., saĝa$_{11}$/siĝ$_{18}$, 'to cut, break, harvest').

giŠu-KIN: faggot of reeds ('hand' + 'work, task'; cf., saĝa$_{11}$/siĝ$_{18}$, 'to cut, break, harvest').

šu-ku$_6$(-d): fisherman ('hand' + 'fish' + ?; should read eššad$_x$?).

šu(-a)-lá: paralyzed, folded, idle (said of hands) ('hands' + locative + 'to bind, diminish').

šu-lá-a: entrusted ('hands' + 'to hold' + nominative).

šu...lal/lá-lá: to defile; to reach; to bind (the hands); to wring the hands ('hand' + 'to pierce, penetrate; to stretch; to bind; to hold').

šu-šè...lal/lá: to hold in the hand, suspend from the hands ('hand' + 'to bind, hold, hang').

šu$_{(4)}$-luḫ: ritual cleansing, purification ritual, lustration ('hand' + 'to clean').

lúšu-luḫ-ḫa: purification ritual man, lustration priest ('ritual cleansing' + nominative).

šu-maš-gíd-gíd: diviner; omen (cf., šu...gíd; 'hand' + 'goat kid' + reduplicated 'to reach out').

ŠU-ME-EREN: cypress resin (cf., (ĝiš)šu-úr-me).

šu...mú: to enlarge; to expand (with -ni-); to pray (with dative) ('hand' + 'to grow').

na4šu-na: pestle ('hand' + 'stone').

ŠU+NIĜIN: grand total ('hand' + 'circle, whole') [? ŠUNIGIN archaic frequency: 1].

ŠU+NÍĜIN: subtotal ('hand' + 'circle, whole').

šu...niĝin: to proceed; to hurry ('hand' + 'to make the rounds').

šu-nim-ma: early to work ('hand' + 'early' + nominative).

(ĝiš)šu-nir: standard; emblem with woolen streamers; totemic device ('hand' + 'to raise high').

itišu-numun: calendar month 4 at Lagaš during Ur III; calendar month 4 at Nippur during Ur III.

šu...peš: to expand; to spread out ('hand' + 'womb; to expand').

šu...ra: to knead clay and form it into a tablet; to erase ('hand' + 'to beat, stir').

šu...ri: to wring the hands over (with -ši-) ('hands' + 'to place against').

šu-ri$_{(2)}$(-a): one-half ('hand' + 'to take, remove' + nominative).

šu...ru-uz: to burn; to roast; to glow (cf., šu...ḫu-uz).

šu...saĝ$_{11}$/siĝ$_{18}$: to rub ('hand' + 'to make a harvesting motion').

šu-si: finger ('hand' + 'horn, ray, antenna').

šu(-a)...si: to fill the hands (with) ('hand' + locative + 'to fill').

šu-šè...si: to hand over; to deliver ('hand' + 'towards' + 'to fill').

šu si...sá: to do things to perfection; to see that all is right ('hand' + 'right; legal').

šu...si-ig: to hit with the hand ('hand' + 'to strike down, silence').

šu...sìg(-sìg): to wave the hand ('hand' + 'to beat rhythmically').

šu...su-ub: to gather up; to collect; to scrape together ('hands' + 'to suck').

šu...sud/sù: to stretch the hand out after something ('hand' + 'to make remote').

šu...sum: to give; to entrust ('hand' + 'to give').

šu-šúr: seizing ('hand' + 'fierce, furious').

šu...tag: to cover; to adorn, decorate (often with -ni-) ('hand' + 'to weave, decorate').

šu...$taka_4$: to send, dispatch (with dative) ('hand' + 'to push').

šu-a...$taka_4$: to leave (something) to (someone) ('hand' + locative + 'to push').

šu...te: to take (variation of šu...ti).

šu...ti: to take up, accept, adopt; to grab; to borrow; to gain; to receive; to be taken, accepted (with terminative and -ši-) ('hand' + 'to approach').

šu-ti-a: goods, staples, etc. received ('to receive' + nominative).

šu-tu-tu: escape ('hand' + reduplicated 'to interfere').

šu...túkur: to nibble or lick one's fingers ('hand' + 'to gnaw, nibble').

$^{(\text{ğiš})}$šu-úr-me: the cypress or Persian oak tree or its resin ('to pour' + 'tree trunk' + 'to be').

šu...ùr: to erase; to wipe (with -ni- and bi-; also with -ta-) ('hand' + 'to drag over').

šu-ùr-ra: scraping or grinding by hand ('hand' + 'to shear' + nominative).

šu...ús: to send, dispatch; to push or knock on (a door); to hold out in the hand ('hand' + 'to reach out').

šu...zi-zi(-g): to raise one's hand (in violence) ('hand' + reduplicated 'to rise up').

šub-lugal: subordinate of the king ('to drop; to delegate' + 'king').

šùd...rá: to pray ('to pray' + 'plural, to come, go').

$^{\text{lú}}$šuku-dab_5-ba: person assigned to pick up allotted rations ('rations' + 'to hold' + nominative).

šul-a-lum: punishment (probably Akkadian loanword from *šalaalu*, 'to plunder; to deprive').

šul-zi: worthy young man ('young man' + 'good; true').

šúr-dù$^{\text{mušen}}$: (trained) falcon ('fierce' + 'to work').

ta-àm: what is it? ('from' + 3rd. sing. enclitic copula).

tab-ba: partner ('to join; to be double' + nominative).

TAG.ME: (cf., šum).

$taka_4$...lal: to open ('to open' + 'to reach').

tám-še-lum: a resin, perhaps from the boxwood ('shiny; bound' ? + 'grain, seed' + 'productive').

te-àm: (cf., ta-àm).

te-en: (cf., ten).

te-eš...dug_4/du_{11}/e: to put together (?) (téš, 'together', + 'to speak/do').

te-g̃e$_{26}$(-d): to approach, meet (someone: dative); to attack, assault; to be frightened, worried (alternating class, *marû* stem; cf., te).

te-me-en; te-me: (cf., temen).

te-te(-ma): (cf., te-g̃e$_{26}$).

téš-bi: together ('together' + adverbial force suffix).

téš(-bi)...gu$_7$: to devour everything; to consume ('together' + 'to eat').

téš...i-i: to pray ('together' + 'to rise').

téš(-a)...sì-ke: to make agree ('together' (+ locative) + 'to put, place, cause').

téš...(nu-)tuku: to have (no) shame; shameless ('shame, modesty' + ('not' +) 'to have').

$^{g̃iš}$ti: strut, brace, rib ('rib').

ti...bal: to signal (?) ('arrow' + 'to revolve').

ti-gi$_4$: kettledrum ('to approach; to assault' + 'to return; to answer').

^{dug}ti-lim-da: a vessel ('lives' + 'thousand' + 'with').

ti-mar-uru$_5$: arrow quiver (?) (play on tu$_{15}$-mar-uru$_5$ (?), 'flood'; 'arrow' + 'to enclose' + 'high, deep').

ti-mud...g̃ál: to create life ('life' + 'to give birth' + 'to be').

ti-na: adv., strongly ('to live; healthy' + subordination suffix /-a/).

ti...ra: to shoot an arrow ('arrow' + 'to stab').

ti-rí-g̃ál^{al}: a small bird ('arrow' + 'city' + 'to dwell').

$^{g̃iš}$ti-zú: barbed arrow ('arrow' + 'teeth; flint').

tigi-nì-du$_{10}$-ga/e: harp of beautiful sound ('harp' + 'thing' + 'sweet' + genitive).

til-lu-ug: elephant ('lion-killer' ?).

tir-an-na: rainbow ('forest' + 'sky' + genitive).

TU-gur$_4^{mušen}$: (cf., tum$_{12}$-gur$_4^{mušen}$).

tu-lu: to be/make loose or limp (Akkadian *tulluu*, 'to hang up').

$^{g̃iš}$tu-lu-bu-um: plane tree or wood (Akkadian *dulbum*, 'Oriental plane tree').

tu-ra: (cf., tur$_5$).

tu-ud: (cf., tud).

tu$_6$-tu$_6$: incantations (reduplicated 'exorcistic formula').

tu$_{15}$...dirig: (cf., ní...dirig).

tud-sum: onion or garlic bulb for planting ('to beget' + 'onion').

túg-bir$_7$-ra: torn clothes ('cloth' + 'to rip to pieces' + nominative).

túg-dim-gal(-la-k): sail on a mast ('cloth' + 'mast' + genitive).

TÚG-DU$_8$: textile fuller ('cloth' + 'residue; to bake').

túg-gú-lal: blanket (for an animal) ('cloth' + 'back of neck' + 'to drape').

túg-gur$_8$/gur: the last plowing (originally LAK 483 + 'deep').

túg-íb-dù: a woolen garment ('cloth' + 'waist, hips' + 'to mould').

túg-ku-ru-um: mourning (?) clothes (Akkadian *kuuru*, 'daze, depression, stupor').

túg-me-zé-er-ra: rags ('cloth' + 'function' + 'to tear up, break' + nominative).

túg-mu-dur$_7$[BU]-ra: (cf., mu-dur$_7$(-ra)).

túg-níĝ-bàra-(g): bed spread ('cloth' + 'thing' + 'stretched out').

túg-níĝ-dára: loincloth ('cloth' + 'thing' + 'to bind; belt, sash').

túg-níĝ-dára-gála-sír-ra: pubic band or napkin for a woman ('cloth' + 'thing' + 'to bind; belt, sash' + 'vulva' + 'dense; feverish' + nominative).

túg-níĝ-dùn-dù: a woolen garment ('cloth' + 'thing' + 'to bring low' + 'to mould').

túg-níĝ-lal: a woolen garment ('cloth' + 'thing' + 'to drape').

túg-níĝ-lám: a festive garment, dress ('cloth' + 'thing' + 'an awe-inspiring quality').

túg-níĝ-sal-la: a woolen garment ('cloth' + 'thing' + 'vulva' + genitive).

túg-níĝ-ur$_5$-ra-ak-a: fine quality clothes ('cloth' + 'thing' + 'to gasp' + nominative).

túg-siĝ$_{18}$: the first plowing (originally LAK 483 + 'to cut, break, harvest').

túg-šà-ga-dù: cloth belt or woolen belted garment (?) ('cloth' + 'stomach' + nominative + 'to mould, shape').

TÚG-TAG: to fill or pile cloth (?) ('cloth' + 'to weave; to strike').

túg-TAR: short-cut robe (?) ('cloth' + 'to cut').

túg...ùr: to make a sacrifice ('clothing' + 'to drag').

túg-ZI-ZI-a: magnificent (?) robe ('cloth' + 'to spend' + nominative).

^{ĝiš}tukul...sìg: to slaughter ('mace, weapon' + 'to strike, hurt').

tukumbi...-nu: except ('if' + 'not').

tum$_{12}$[TU]-gur$_4$^{mušen}: turtle (?) dove ('dove, pigeon' + 'plump, big').

tumu-mer: north, northwind ('wind' + 'anger').

TÙN...bar: to hew or split with an axe.

TÙN.PAD: slice, morsel of food ('stomach; lip' + 'bite of food').

tur...gu$_7$: to eat modestly ('little' + 'to eat').

tur-tur: little ones (cf., didi, di$_4$-di$_4$-la) (reduplicated 'little').

tùr-gù-nun: sanctuary with the loud voice ('birth-hut as metaphor for sanctuary' + 'voice' + 'great, noble').

tuš...ĝá-ĝá: to dwell ('home' + 'to establish').

U.GÙN: (cf., ugun).

U.PIRIĞ...tag: (cf., kušu/kušum$_x$(-ki)...tag).

ú-a: caretaker, provider ('food' + 'water' or nominative).

ú...bu-bu(-r): to tear out plants ('plant' + reduplicated 'to tear out').

ú-du(-l): (cf., udul).

ú-dug$_4$: (cf., udug).

ú-durun$_x$[DÚR.DÚR]-na: hay or dry brushwood ('grasses' + 'to dwell; to dry out' + nominative).

ú-gíd-da: long grasses ('grasses' + 'long' + nominative).

ú-gu$_{(3)}$...dé: to lose; to disappear; to be lost (ugu,.'top of the head' + 'to sink').

ú-šè...ğin/gub: to go to fetch food ('food' + terminative + 'to go/to stand').

ú...ḫúb: to be deaf; to deafen.

ú-kíğ-ğá: pasturage ('plants, grass, food' + 'to seek, work' + nominative).

ú...lá: to diminish; to stem (the flow of water).

ú-làl: a sweet water-plant, the eating of which is a metaphor for sexual intercourse ('plant' + 'honey').

ú-li: herb(s) ('plant' + 'fine smelling').

ú-lipiš-gig: nettles (?) ('plant' + 'anger/heart' + 'illness').

ú-lu-úb^{sar}: leeks (cf., lu-úb^{sar}).

ú-lu$_5$-ši: (cf., ulušin).

Ú-NINNI$_5$ [TIR/TIR]: a resin measured by volume.

ú-nu-kíğ-ğá: untested grazing grounds (cf., ú-kíğ-ğá).

ú...ri(-g): to collect firewood ('plants' + 'to glean; to bring').

ú-rum: private, personal (property); possession (cf., ùru[-m], 'to watch, guard, protect').

ú-sağ$_{11}$: fascine to sustain a canal bank or levee ('plants' + 'to cut, break, harvest').

ú-sağ$_{11}$...zé: to cut fascine plants ('fascine' + 'to cut').

ú-sal: a low-lying fertile area along a watercourse ('grass, plants' + 'to persist').

ú-sal-la...nú: to lie down in security ('food' + 'to persist' + 'to lie down').

ú-si$_4$-an evening ('food' + 'red' + 'sky').

ú...sud/sù: to dine; to eat ('food' + 'to sip; to sprinkle').

ú-sug$_4$: unclean, menstruating woman (cf., úzug).

ú-šim: grass and herbs = pasture (a Sumerian example of asyndetic hendiadys).

Ú-TIR: a spice or seed measured by weight.

ú-tul: (cf., udul).

ú-za-gìn: fresh hay ('grass' + 'clean').

ú-zug$_4$: foul food ('food' + úzug, 'menstruating, unclean woman').

ù-a: n., sleep ('to sleep' + nominative).

ù-an-bar: (cf., u$_4$-bar).

ù-bu-bu-ul: pus, pustule; flame (pronominal prefix + reduplicated bul$_{(4)}$; bu$_{(5)}$, to ignite; to sprout; Akkadian *bubu'tu(m)*).

ù-di: sleep; rest; daze, depression (cf., u$_6$-di) ('sleep' + 'to go'; cf., g̃i$_6$...di).

ù-gul...g̃ar/g̃á-g̃á: to pray to; to entreat (with dative) (prospective modal prefix + 'evil' + 'to take oaths').

ù...ku$_{(4)}$: to sleep (reduplication class); to rest ('sleep' + 'to lie down; to enter').

ù-lul-la...ku$_{(4)}$: to sleep badly ('sleep' + 'treacherous' + 'to lie down; to enter').

ù-la: anything; nothing (pronominal prefix + 'numerous').

ù-luḫ-gi$_4$-rin: scepter of pure, bright light (?) (ù for u$_4$?).

ù-luḫ...sù: to send out offshoots (pronominal prefix + 'clean' + 'to stretch, rejoice').

ù-ma; ù-na: victory, triumph (prospective modal prefix + me-a, 'when in battle').

adj., domineering, pugnacious, impetuous.

ù-ma/ù-na...gub: to attain victory, triumph ('when in battle' + 'to emerge standing').

ù-mu-un: Emesal dialect, cf., en.

ù-nu-g̃ar-ra: fraud (pronominal prefix + 'not' + 'established' + nominative).

ù-sá: sleep ('sleep' + 'to equal in value'; cf., g̃i$_6$...sá, 'midnight').

ù-sá...dab$_5$: to be overcome by sleep (ù-sá, 'sleep' + 'to seize').

g̃išù-suḫ$_5$: fir or spruce tree or wood (phonetic spelling shows original full pronunciation of suḫ$_5$, 'confusion; to uproot; encircling wall').

ù-sun[BAD]: wild cow, cf., sún.

g̃išù-šub: brick mold; a platform for molding or drying bricks (same form as udun, 'kiln for bricks'; pronominal prefix + 'to throw, drop, plop'; cf., šab, 'to chip out, apportion out').

ù-tu-(d): to give birth; to create ('to lie down' + 'to create'; cf., tud).

ù-ur$_5$-re: all this (pronominal prefix + 'these').

u$_4$...(-a): (at the time) when... [this brackets an entire phrase] ('time' + nominative or genitive).

u$_4$...-a-gin$_7$: while..., ('time' + 'as; when').

u$_4$...-a-ta: after (the time) when... ('time' + 'after').

u$_4$...á-bi/ba(-/ak/): to be or do on time, at the right moment ('time' + 'moment' + adverbial force suffix).

u$_4$-an-na: light of the heavens ('light' + 'heaven' + genitive).

u_4-ba: at that time; in those days; then ('time' + bi-a, 'that; its').

u_4-bar: midday (cf., an-bar).

u_4-bi-ta: the past ('days' + 'those' + 'from').

u_4-$buru_{14}$: at the time of the harvest ('days, time' + 'harvest').

u_4-da: today ('day' + 'with, near, present').

u_4-da g̃iš-en: if ('today' + irrealis suffix).

u_4-da-tuš: a clown who performed with bears and pigs ('today' + 'to set up camp').

u_4(-bar)-dag̃al: extensive daylight, long day ('day' (+ 'middle') + 'wide').

u_4-gíd-da: all day long ('day' + 'to be long' + nominative suffix).

u_4-ḫuš: raging storm ('storm' + 'furious, terrible, awesome').

u_4-imin: seven days ('day' + 'seven').

u_4-na-me...nu-tuku: there was never ('time' + prohibitive modal prefix + 'to be' + 'to not have'; cf., lú...na-me...nu-).

u_4-nu-dùg-ga: unhappy days ('day' + 'not' + 'sweet, good' + nominative suffix).

u_4-ri-a: in those (far remote) days ('days' + remote demonstrative affix + locative).

u_4-sa_9-a: half a day ('day' + 'half' + nominative suffix).

u_4-sakar[SAR](-ra): crescent moon; new moon; segment of a circle; a plant, possibly rushes or nettles ('day, light' + 'to begin' + 'renewal'; cf., é-u_4-sakar).

u_4-sakar-gibil: reviving new moon, thin crescent moon ('day, light' + 'to begin' + 'renewal'; cf., é-u_4-sakar).

u_4-sud-ra: for eternity ('time' + 'remote' + dative 'for').

u_4...(al-)šú-šú-ru: to become cloudy or dark ('daylight' + šúš/šú, 'to become dark' + šur, 'to rain' ? + *marû* 3rd. sing. ending with vowel harmony).

u_4-šú-uš(-e): daily; day by day ('day, daylight' + šúš/šú, 'to become dark' + locative-terminative postposition).

u_4-te(-en): evening ('daylight' + 'to extinguish, cool down').

u_4-te(-na): morning ('daylight' + 'to approach').

u_4-tu(-ud)-da: birthday ('day' + 'birth' + genitive).

u_4-tur(-ra): early in the day; short in duration ('time' + 'small').

u_4-u: ten days ('day' + 'ten').

u_4-ul-la; u_4-ì-li: tomorrow ('day' + Akkadian *elûm*, 'to come up' and *eli*, 'above, beyond').

u_4-ul-lí-a-ta: from long ago ('days' + 'ancient' + nominative + 'from').

u_4-za-ḫa...(al-)aka: to waste a day; to disappear ('time' + 'to flee, hide, be lost' + 'to cause').

u_4...zal: the day dawns; to spend the day; to elapse; to waste time; to be late ('time' + 'to flow, pass').

u$_4$-zal-la: day, morning, dawn ('day' + 'to flow, elapse' + nominative).

u$_4$-X zal-la: on the Xth day ('day' + 'to flow, elapse' + nominative).

u$_5$-a: lullaby ('raised high' + nominative).

u$_5$-bí^{mušen}; ú-bí^{mušen}; ub-bì^{mušen}: whooping swan (onomatopoeic).

^{iti}u$_5$-bí-gu$_7$: calendar month 3 at Drehem through Šu-Sin 3; calendar month 4 at Drehem after Šu-Sin 3; calendar month 4 at Ur during Ur III.

u$_6$-di: admiration, amazement ('to be impressed' + 'to judge').

u$_6$(-di)...di/dug$_4$/e: to admire; to gain admiration ('admiration' + 'to speak, do').

u$_6$...è/i(-i): to look; to appear ('to look at; to stare at' + 'to be or become visible').

u$_6$-e...gub: to be wonderful ('amazement' + ergative agent marker + 'to stand').

u$_8$-udu-ḫá sheep; (flock of) sheep and goats.

u$_{18}$[GIŠGAL]-lu: southwind [with classifier ^{IM}]; storm; sandstorm ('huge' + 'numerous, abundant').

u$_{18}$-lu(-da)...dul: to cover with a storm ('storm' + 'with' + 'to cover').

u$_{18}$[GIŠGAL]-ru(-n): exalted; high; overwhelming; mighty ('huge' + 'to send'; cf., uru$_{16}$(-n)).

ub-ba...gub: to deposit in the corner ('corner' + locative + 'to set').

ub-líl-lá: outdoor shrine ('niche' + 'wind, spirit (of a place), fresh air' + nominative or genitive).

ub-šu-ukkin-na: assembly ('corner' + 'power' + 'meeting' + 'human being').

^{lú}ub$_5$-kug-ga: keeper of the sacred drum ('drum' + 'pure, holy' + nominative).

ud: (cf., u$_4$).

UD.KA.BAR: (cf., zabar).

UD.UD: (cf., babbar, dadag).

udu-dub: tablet-recorded sheep ('sheep' + 'tablet').

udu-níĝ-gu$_7$-a: fattened sheep ('sheep' + 'fattened').

udu-nitaḫ: male sheep, ram ('sheep' + 'male').

udu-sar: a vegetable (?) ('sheep' + 'vegetable').

udu-siki: wool sheep ('sheep' + 'wool').

udu-šag$_5$-ga: slaughtered sheep ('sheep' + 'to slaughter' + nominative).

udu-šár-a: perfect sheep ('sheep' + 'totality; to slaughter' + nominative).

udu-še-gu$_7$-a: (wool from) barley-fed sheep ('sheep' + 'barley' + 'to eat' + nominative).

udu šu-nir: sheep whose wool was used to make streamers for the group standards.

udun-maḫ: huge baking oven ('oven' + 'huge').

udun-še-sa-a: barley roasting oven ('oven' + 'barley' + 'to roast' + nominative).

úgu...ba-a-g̃ar: to place in a person's debit account ('account' + impersonal conjugation prefix + locative infix + 'to deposit') (cf., gú-a...g̃ar).

ugu$_4$-bi; a-gáb: ape, monkey ('to give birth' + inanimate demonstrative ["Inanimate are things and animals." Thomsen, p. 49]).

ugula-àga-ús: overseer of vassals ('overseer' + 'crown' + 'to follow').

ugula-íla: foreman of the porters ('overseer' + 'to carry').

ugula-g̃éš-da: officer in charge of sixty men ('overseer' + g̃ež, 'sixty' + genitival suffix /a(k)/).

ugula-uru(-na-/ak/): captain of the/his city ('overseer' + 'city' + 'his' + genitive).

ùg̃a-lu-a: multitudes ('people' + 'to be numerous' + nominative).

uḫ...uš$_7$: (cf., aḫ...uš$_7$).

uku-ús: (cf., aga$_{(3)}$-ús).

ÙKU.ÍL: (cf., un-gùr).

ul.KU: receiver (?).

ul-šár-ra: jubilation ('joy' + 'to multiply' + nominative).

ul...šár: to gladden; to exult ('joy' + 'to multiply').

ul-ti(-a): happy mood ('joy' + 'life' + genitive).

ul$_4$-la-bi: very soon, quickly ('quick' + adverbial ending).

um-ma: elderly lady; witch ('old woman' + 'to bind').

um-me-da: (cf., ummeda).

um-mi$_{(3)}$-a: schoolmaster; scholar; artisan ('wise or skillful teacher' + 'offices, functions' + nominative or genitive).

umbin-gud: oxen hooves; oxen tracks ('fingernail' + 'ox').

umbin...kud: to shave; to shear; to manicure ('fingernail' + 'to cut off').

umuš...kúr: to change one's mind ('discernment; decision' + 'to change').

un-gùr/ga$_6$(-me): a menial worker ('people' + Umma reading for íla sign, 'to bear, carry' + 'to be').

un-íl-me: menials ('people' + 'to carry' + 'to be').

un sag̃-g̃i$_6$: black-headed people = Sumerians ('people' + 'heads' + 'black').

unkin-g̃ar-ra: communal assembly ('people' + 'to fetch' + 'to establish' + nominative).

unu$_{(2,6)}$-gal: great dining hall ('elevated shrine, fortress' + 'great').

^{iti}UR: calendar month 7 at Ur during Ur III; calendar month 10 at Umma before Šulgi 30.

ur-bar-ra: wolf ('dog' + 'outside' + nominative).

ur-bi; ur$_5$-bi: together (cf., téš-bi).

ur-gir$_{15}$/gi$_7$[KU]: dog ('dog' + 'domestic').

ur-maḫ: lion ('carnivorous beast' + 'mighty').

ur-mú-da: watchdog (?) ('dog' + mud$_6$, 'to sing' + nominative).

ur-sa$_6$-ga: a pampered dog ('dog' + 'to be friendly' + nominative).

ur-sağ: hero, warrior ('young man' + 'first, in front').

ur-tur: a pet dog or puppy ('dog' + 'small').

ur-ur-a...ğar: to assemble a list, schedule, or plan ('servants' + locative + 'to set').

úr...zé(-zé): to roam ('legs' + 'to cut continuously').

ur$_4$-ur$_4$: to devastate, lay bare (reduplicated 'to harvest').

ur$_5$...aka: to gasp ('liver, soul' + 'to do').

ur$_5$-da: to be mindful, careful; to hear ('heart, soul' + 'with').

ur$_5$-di-da: famous (one) (?) (cf., lú-di-da).

ur$_5$...gúr: to bow down (in grief) ('liver, soul' + 'to bow down, submit').

ur$_5$ ḫé-en-na-nam-ma-àm: thus shall it be indeed ('thus' + 'it is indeed').

ur$_5$-ra-šè: to be like that ('in such manner' + nominative + 'towards').

ur$_5$-re, ur$_5$-e: in such manner, thus ('it; thus' + locative terminative e).

ur$_5$...sa$_6$: to be/make comfortable, happy ('liver, soul' + 'to satisfy'; cf., níğ-ur$_5$-sa$_6$-sa$_6$).

ur$_5$...ša$_4$: to roar, bellow ('liver, soul' + 'to mourn') (contrast še...ša$_4$).

ur$_5$-šè: debt with interest ('loan' + 'portion').

ur$_5$-tud: domestic servant ('debt' + 'to be born').

ur$_5$-tuku: debtor; creditor ('debt; loan' + 'to have').

uru-bar-ra: outside the city, outskirts of the city, the countryside ('city' + 'outside' + nominative).

uru-kúr(-ra): (in) a foreign city ('city' + 'strange' + locative).

uru-šà-ga: the interior city (contrasts to uru-bar-ra)('city' + 'inside' + nominative).

uru-tuš: (cf., ki-tuš).

urudu-A-EN-da: a type of copper.

urudu-nì-kala-ga: strong copper ('copper' + 'thing' + 'to be strong' + nominative).

us-ga: a type of priest.

ús-sağ: rigging (of a ship) ('side; to join' + 'bow of a ship'; cf., ^{ğiš}má-sağ-ğá).

ùsan-mar: wagon whip (?) ('whip' + 'wagon').

usu-tuku: a strong person ('skill; strength' + 'to have').

uš-bar: (cf., ušbar).

^{ğiš}uš-bar: ruler's staff; scepter ('penis' + 'to see, show').

uš-gíd-da: storehouse; granary; silo (for barley, dates, oil) (cf., araḫ$_4$) ('foundation' + 'to be long' + nominative).

uš-g̃ar-ra: firm foundation ('foundation' + 'to establish' + nominative).

uš-sì-ga: unsafe foundation ('foundation' + 'to damage' + nominative).

úš-a: piling up an earthen block or dam (cf., a úš-a) ('to block' + nominative).

uš$_7$...dug$_4$: to spit ('spittle' + 'to speak, do, make').

uš$_{11}$...sig$_{10}$/sì: to throw/inject venom on/in... ('venom' + 'to apply, put in').

^{d}utu-è: sunrise ('sun' + 'to rise; to become visible').

uz-ga: (cf., é-uz-ga).

UZ.TUR^{mušen}: (cf., bibad^{mušen}).

ùz-ga-nag̃: milking goat ('goat' + 'milk' + 'drinking').

uzu-ì: fatty meat ('meat' + 'fat').

uzu-lib$_x$[Í.UDU]: mutton fat ('meat' + 'mutton fat').

za-a-kam...dug$_4$/du$_{11}$: say: it is thine ('you' + /ak/, 'of' + àm, 'it is' + 'to speak').

$^{(g̃iš)}$za-ba-lum: a variety of juniper (resin) ('kernel' + 'to give' + 'abundance').

za-dím: stone cutter ('[precious] stone' + 'to fashion').

za-e: you; yourself.

^{na4}za-gìn: lapis lazuli; precious stone (in general) ('stone' + 'colorful').

za-gìn: clean ('precious stone').

$^{(na4)}$za-gìn-duru$_5$: lustrous, shiny lapis lazuli ('lapis lazuli' + 'moist').

za-ḫa: (cf., zaḫ$_{2,3}$).

za-ḫa-din; za-ḫa-ti: a type of onion, possibly *Allium desertorium* ('kernel' + 'many' + 'to cure').

za-na: caterpillar ('monotonous repetition' + 'distinct things or selves').

$^{g̃iš}$za-na: puppet.

$^{g̃iš}$za-na...tag: to handle a puppet ('puppet' + 'to touch, handle').

za-pa-ág̃: sound; breath (za, 'rhythmic sound' or zi, 'breathing' transformed by vowel harmony + 'puffing sound' + 'to mete out'; cf., šir...ág̃a).

za-pa-aḫ: (cf., zipaḫ).

za-ra: pole, shaft of chariots, wagons, harrows, and doors (cf., $^{g̃iš}$zar).

za-ra...dug$_4$/du$_{11}$: to lecture ('to you' + 'to speak').

za-za: (cf., ki...za).

za-za-ga: marjoram or oregano (?).

zà: (cf., zag).

zà[ZAG]-ḫi-li(-a)^{sar}: a condiment made from a prickly plant such as wild safflower ('border, beginning' + 'charm, appeal'; Akk. *sahlû*).

zà-mí: (hymn of) praise ('territory' + 'woman').

$^{(ğiš)}$zà-mí: musical instrument - a lyre.

zag-bar: (metal) quantity left over by cutting ('percentage' + 'to pare away').

zag...dib: to elevate over ('barrier' + 'to cross').

zag-du_8: threshold ('boundary' + 'to adorn').

zag-è: buttress (?) ('barrier' + 'to rise').

zag-gu-la; zag-gal-la: a type of chair; seat of honor ('side, shoulder' + 'great').

zag...kéš: to endow with ('side' + 'to bind to').

zag-munus: (cf., zà-mí).

zag-sá[DI]; zag-$ša_4$[DI]: equal; rival ('limit' + 'to equal').

zag-$še_{(3)}$; zag-$ša_4$: strength; bed ('limit' + 'to the').

zag...šuš: to brand; to mark ('side' + 'to throw down').

zag...tag: to push away; to reject; to overthrow; to push off, launch ('edge, limit' + 'to touch, push').

zag-uru: outskirts of the city ('edge, limit' + 'city').

zag 5-ús: a fifth (as a division) ('percentage' + 5 or other number + 'length').

zag...ús: to border on; to stand by; to set aside ('edge, limit' + 'to lean against').

záḫ-bi: adv., to the bitter end, until disappearance ('to perish' + adverbial force suffix).

zar(-re-eš)...du_8: to pile up ('sheaves' + phonetic complement + 'much' + 'to open; to spread').

zar(-re-eš)...sal: to spread; to heap up ('sheaves' + phonetic complement + 'much' + 'to be wide').

zàr-tab-ba: the work of binding sheaves ('sheaf' + 'to bind' + nominative).

zé-eb: Emesal dialect, cf., dùg.

^{šáḫ}zé-eḫ-tur: small pig (phonetic spelling of šáḫ + 'small').

zé-èm: Emesal dialect, cf., sum.

zé-er; zi-re: to tear up; to tear out; to remove; to slip; to break (often with -ta-).

zé-me that is yourself (za, 'you', with vowel harmony + 'to be.

^{ğiš}zé-na: palm frond ('to be cut, sheared' + 'an individual case of').

zeḫ-gaba: sexually mature female goat kid ('female goat kid' + 'breasts').

zi-ba-tum: an aromatic seed (?).

zi-bí: a form of caraway seed (Akkadian loanword, from *zibû*, 'black cumin').

zi-dè-eš$_{(2)}$(-šè): adv., loyally, faithfully ('truth' + adverbial force suffix).

zi-dè-eš(-šè)...pà-da: to faithfully choose ('faithfully' + 'to choose').

zi-du: a good person ('good' + 'to walk').

zi...dug$_4$: to tell the truth ('truth' + 'to speak').

zi-ga(-àm): torn out, extracted, deducted, expended; risen up ('to tear out; to rise up' + nominative).

zi-ga...g̃ar: to impose a levy ('to tear out, deduct' + nominative + 'to establish').

$^{g̃iš}$zi-gan: rudder, oar ('to rise up' + 'pestle').

zi...gi$_4$: to be on good terms ('faith' + 'to restore').

zi-g̃ál(-la): living being ('breath' + 'to be available' + nominative).

zi...g̃ál: to grant life; to have life ('breath' + 'to be available; to place, put').

zi-ik-ru-um, zi-ik-rum: wise, old men (Akk. *zikru(m) I*, 'utterance' and *zikaru(m)* and *zikru II*, 'male').

zi...ir/ra: to be troubled, worried, sad; to be broken ('faith' + 'to lead away [plural]').

zi lugal: oath ('breath; soul' + 'king').

zi-maḫ: legitimate (and) lofty ('legitimate' + 'lofty').

zi...pa-an-pa-an: to breathe ('breath' + bun, 'to blow').

zi...pà(-d): to take an oath; to conjure ('faith' + 'to swear').

$^{(g̃iš)}$zi-ri/rí-gúm/qum: a device for moving irrigation water, involving a water bucket hanging from a swinging beam (cf., Sumerian $^{g̃iš}$á-lá); a reed or clay pipe or pipette (Akkadian loanword *ziriiqu* from *zaraaqu*).

zi-šà-g̃ál: n., divine encouragement; inspiration; sustenance ('breath' + 'innards' + 'to be available').

adj., alive.

zi-šà...g̃ál: to provide (someone: -ši-) with life ('breath' + 'innards' + 'to place').

zi...(ši)-tum$_{2,3}$/de$_6$: to take refuge ('life' + ('into') + 'to bring').

zi-zi-i: subtracting, subtraction; to revolt, rebel; revolting (reduplicated 'to tear out').

zì: (cf., zíd).

zíd-bar-si: a type of emmer wheat flour ('flour' + 'to release' + 'like a sprout').

zíd-dub-dub: flour for the best ritual actions ('flour' + reduplicated 'to pour, move in a circle, shake, sprinkle off, strew').

zíd-gu: fine barley flour ('flour' + 'net').

zíd-gú-gal: chick pea flour ('flour' + 'chick pea').

zíd-kum$_4$[UD]-ma: a type of barley flour ('flour' + 'mortar-ground' + nominative).

zíd-milla[IŠ]: a coarse, cheap type of flour ('flour' + 'mountain' or 'scorching' ?).

zíd-sig$_{15}$[KAL]: cracked barley mixed with wheat flour (?) ('flour' + 'pleasing; valuable'; cf., kaš-sig$_{15}$).

ZÍD-ŠE: (cf., dabin).

zíd-še-sa: flour from roasted barley ('flour' + 'roasted barley').

zíd-za(-tum): a type of flour, *zaatum* flour.

^{iti}zíz-a: calendar month 11 at Nippur during Ur III.

zíz-AN: (cf., img̃ag̃a).

zíz-babbar: white emmer wheat ('emmer wheat' + 'white').

zíz-bal: emmer wheat lost in processing ('emmer wheat' + 'to demolish').

zíz...dé-a: cleaning emmer after winnowing ('emmer wheat' + 'to pour' + nominative).

zíz-GÚ-NUNUZ: a form of emmer wheat ('emmer wheat' + 'chick pea' + 'eggs').

zu-a: acquaintance ('to know' + nominative).

zu-ḫu-ul: pierced (Akkadian *sahlu*, 'to pass through a hole, to thread').

zú...gaz: to crush with the teeth ('teeth' + 'to crush').

zú-gub: lunch ('teeth' + 'to stand').

zú...ḪAR: (cf., zú...ur$_5$).

zú...kešda: to oblige ('teeth' + 'to bind, harness').

zú...kud/ku$_5$: to bite ('teeth' + 'to cut').

zú...li$_9$-li$_9$: to laugh ('teeth' + 'to glisten').

zú-lum(-ma): date fruit ('teeth' + 'to be satiated').

zú-lum...mar: (cf., su$_{(11)}$-lum...mar).

zú...ra(-ra): to bite ('teeth' + usually reduplicated 'to strike, stab').

zú...ra-aḫ: to devour ('teeth' + 'to strike repetitively, shake').

zú...súd-súd[ŠÌTA]: to gnash the teeth ('teeth' + 'to crush, gnash').

zú...ur$_5$[ḪAR]: to chew, bite ('teeth' + 'to chew').

zú...zalag: to show one's teeth ('teeth' + 'to shine, gleam').

zur-re-eš...du$_8$: (cf., zar-re-eš...du$_8$).

zur-zur: (animal) nurse; to rock, shake (reduplicated 'to tend; to rock').

Last revised August 11, 1999

Home page for the Sumerian lexicon: http://www.sumerian.org/